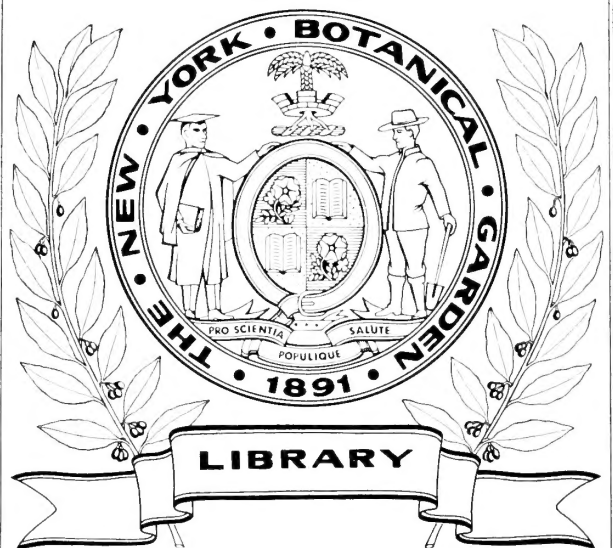




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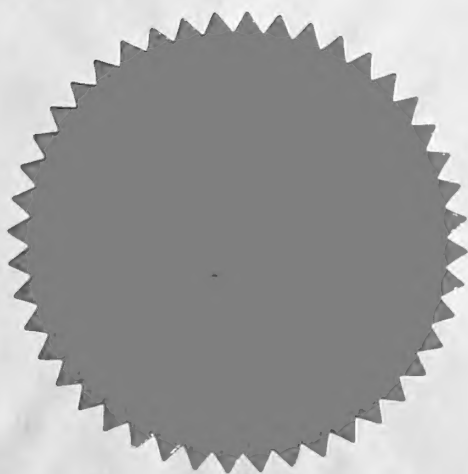


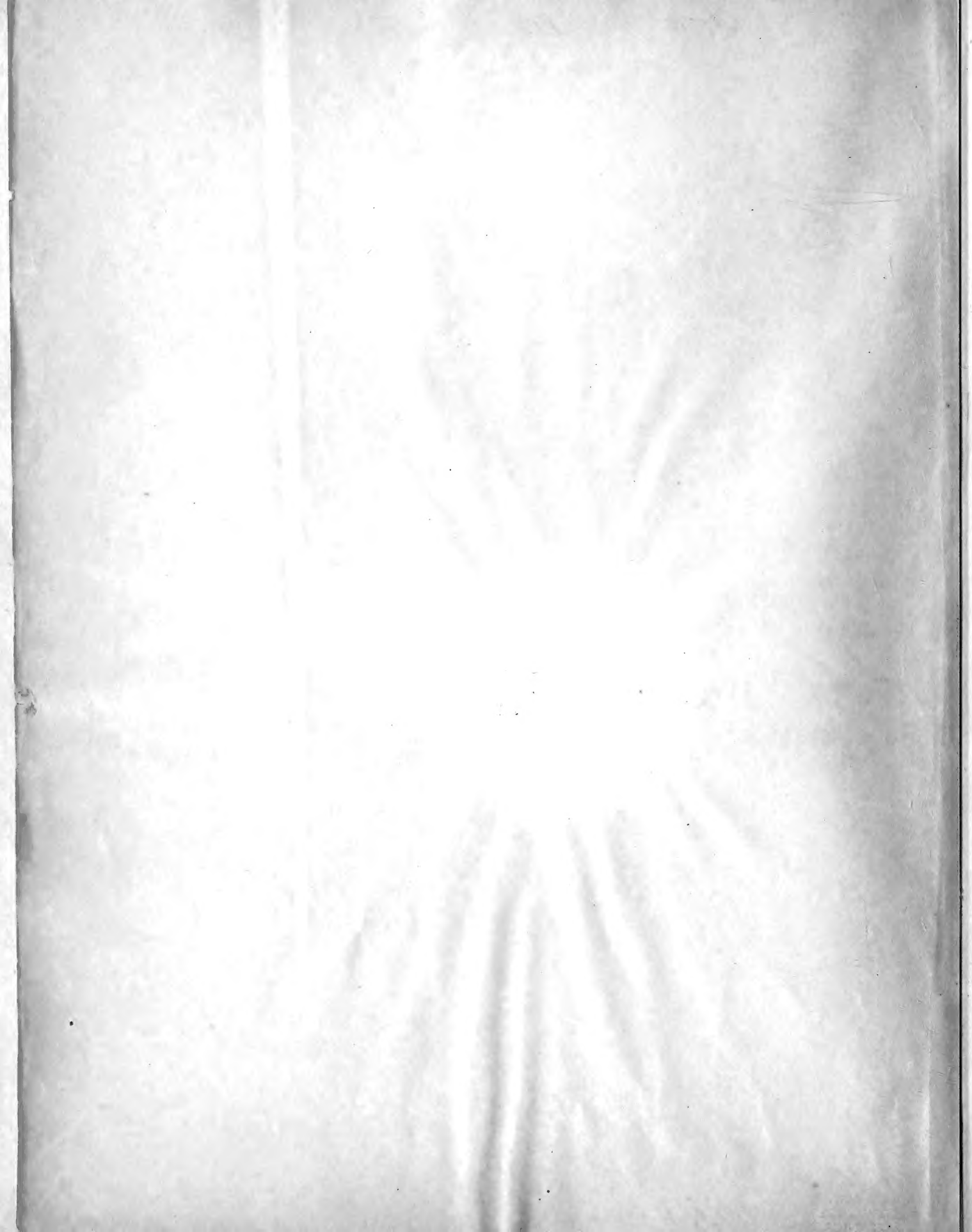
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✓ agglutinata, Gn. - Cl. 1880 p. 19; Cl. Nav. 2p. 194:

✓ Americana, Cleve, L. C. D. vol. 2, No. 15 pl. 3 f 17, 18;

no. 19 p. 143-3 f 21, 22; Cl. Nav. 2p. 184: (Heteroneis.)

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" forma minuta

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; Bathnica, Cl. Nav. 2p. 186: - (A. clevei, v. Bat.) Actinoneis. -)

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AGGLUTINANS, Grain.-C. 255: ^{Sub} S. S. 1. 303:

ANGUSTATA, Greville, M.O. 1359M. 133-3f9; 1330p. 20-12f3; Pilt. 1.374; R.
E.D.p. 112; Sm. Sp. 1.309; Cl. 1330p. 19; Det. Syll. 1.487; -(Geph. media, L.)
& A. cuneata.) *A. brevipes*, n.

ARCUATA, Ag. -K. Syn. p. 43:

(Diatoma s. & striatulum; -Rhabdonema; -Striatella; -Tegula.)

ARENICOLA, Bailey M.O.p.33-2f19: Prit.1.374; R.E.O.I.II2:

Wolle, pl. 29f9: Del. Syll. p. 487: - (Callosira?)

AUSTRALIS, E.-11k.1.35A-241; PIC.1.374; T.1.1.112;
PACILLARIS E.-11k.1.35A-241; PIC.1.374; T.1.1.112;

BACILLARIS, E.-Abh.Ber.1843p.253; Prit.1.874: R.L.C.I.III:-(A.1807.1.)

BACILLAROIDES, Borg. Dist.: vide Ag. Consp. bot. (B. + Bacill. + .)

(Dimeregramma; -Odontidium; -Raphoneis.+) Pant. 3p. -1351044

BAVARICA, E.-Abh. Ber. 1853, 526:

(*Achnantheidium flexellum*: -*Cocconeis Elwaitesii*.)

BENGALENSIS, Grun.-Cl. I3301.13: Vega 4.504: Del. Syll. 4.471:

(*A. javanica*; ~~*var.*~~) C. Nav. sp. 1960. (*C. javanica*, p. 1)

var. *sinuenticosta*, Griseb.-Cl. 13304. 18: 331. 5. 11. 1. 471.

BIASOLETTIANA, R. G. n. 1. 13301.22: 13311.10: V. 1. S. 1. 130-27127,23:

Det. Syll. 1.432: -Herib. p. 48: Gl. Nar. 2p. 189

(*A. ventricosa*, var., & *linearis*; -*Ach. anthidium* line; -*Synspha.*)

var. *perminuta*, H.V.H.-T.No.237; D=1.5; 11.p.432;

var. sublinearis, Grun.-V. 1.1. sub No. II: Def. S. 1. 1. 432; C. C. Nov. 2 p. 189; IJUGA, Turpin Mem. Mus.: (Nor. Bialorussia) 1. 1. 432; C. C. Nov. 2 p. 189.

DIPOGA, Tulpin Mem.Mus.:-(Non-Diatraceous.)-
BILIMBATA

BILUNATA, Turpin M.m.Mus.-(Non-Diat.)

BRASILIENSIS E. A. B. (1937) (A. & Achnanthidium 1938)

BRASILIENSIS, E.-Abh. Ber. 1345; Mik. p. 311; Prit. 1. 375;

R.E.D.p. II2: Det. Syll. I. 437:

Scot. Fl. 1. 1827. 157. 1832. K. 8. 1832. 1833. 1834. 1835. 1836. 1837. 1838. 1839. 1840. 1841. 1842. 1843. 1844. 1845. 1846. 1847. 1848. 1849. 1850. 1851. 1852. 1853. 1854. 1855. 1856. 1857. 1858. 1859. 1860. 1861. 1862. 1863. 1864. 1865. 1866. 1867. 1868. 1869. 1870. 1871. 1872. 1873. 1874. 1875. 1876. 1877. 1878. 1879. 1880. 1881. 1882. 1883. 1884. 1885. 1886. 1887. 1888. 1889. 1890. 1891. 1892. 1893. 1894. 1895. 1896. 1897. 1898. 1899. 1900. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2

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A. S. C. 13419, 13420, 13421, 13422, 13423, 13424, 13425, 13426, 13427, 13428, 13429, 13430, 13431, 13432, 13433, 13434, 13435, 13436, 13437, 13438, 13439, 13440, 13441, 13442, 13443, 13444, 13445, 13446, 13447, 13448, 13449, 13450, 13451, 13452, 13453, 13454, 13455, 13456, 13457, 13458, 13459, 13460, 13461, 13462, 13463, 13464, 13465, 13466, 13467, 13468, 13469, 13470, 13471, 13472, 13473, 13474, 13475, 13476, 13477, 13478, 13479, 13480, 13481, 13482, 13483, 13484, 13485, 13486, 13487, 13488, 13489, 13490, 13491, 13492, 13493, 13494, 13495, 13496, 13497, 13498, 13499, 13500, 13501, 13502, 13503, 13504, 13505, 13506, 13507, 13508, 13509, 13510, 13511, 13512, 13513, 13514, 13515, 13516, 13517, 13518, 13519, 13520, 13521, 13522, 13523, 13524, 13525, 13526, 13527, 13528, 13529, 13530, 13531, 13532, 13533, 13534, 13535, 13536, 13537, 13538, 13539, 13540, 13541, 13542, 13543, 13544, 13545, 13546, 13547, 13548, 13549, 13550, 13551, 13552, 13553, 13554, 13555, 13556, 13557, 13558, 13559, 13560, 13561, 13562, 13563, 13564, 13565, 13566, 13567, 13568, 13569, 13570, 13571, 13572, 13573, 13574, 13575, 13576, 13577, 13578, 13579, 13580, 13581, 13582, 13583, 13584, 13585, 13586, 13587, 13588, 13589, 13590, 13591, 13592, 13593, 13594, 13595, 13596, 13597, 13598, 13599, 13600, 13601, 13602, 13603, 13604, 13605, 13606, 13607, 13608, 13609, 13610, 13611, 13612, 13613, 13614, 13615, 13616, 13617, 13618, 13619, 13620, 13621, 13622, 13623, 13624, 13625, 13626, 13627, 13628, 13629, 13630, 13631, 13632, 13633, 13634, 13635, 13636, 13637, 13638, 13639, 13640, 13641, 13642, 13643, 13644, 13645, 13646, 13647, 13648, 13649, 13650, 13651, 13652, 13653, 13654, 13655, 13656, 13657, 13658, 13659, 13660, 13661, 13662, 13663, 13664, 13665, 13666, 13667, 13668, 13669, 13670, 13671, 13672, 13673, 13674, 13675, 13676, 13677, 13678, 13679, 13680, 13681, 13682, 13683, 13684, 13685, 13686, 13687, 13688, 13689, 13690, 13691, 13692, 13693, 13694, 13695, 13696, 13697, 13698, 13699, 13700, 13701, 13702, 13703, 13704, 13705, 13706, 13707, 13708, 13709, 13710, 13711, 13712, 13713, 13714, 13715, 13716, 13717, 13718, 13719, 13720, 13721, 13722, 13723, 13724, 13725, 13726, 13727, 13728, 13729, 13730, 13731, 13732, 13733, 13734, 13735, 13736, 13737, 13738, 13739, 13740, 13741, 13742, 13743, 13744, 13745, 13746, 13747, 13748, 13749, 13750, 13751, 13752, 13753, 13754, 13755, 13756, 13757, 13758, 13759, 13760, 13761, 13762, 13763, 13764, 13765, 13766, 13767, 13768, 13769, 13770, 13771, 13772, 13773, 13774, 13775, 13776, 13777, 13778, 13779, 13780, 13781, 13782, 13783, 13784, 13785, 13786, 13787, 13788, 13789, 13790, 13791, 13792, 13793, 13794, 13795, 13796, 13797, 13798, 13799, 13800, 13801, 13802, 13803, 13804, 13805, 13806, 13807, 13808, 13809, 13810, 13811, 13812, 13813, 13814, 13815, 13816, 13817, 13818, 13819, 13820, 13821, 13822, 13823, 13824, 13825, 13826, 13827, 13828, 13829, 13830, 13831, 13832, 13833, 13834, 13835, 13836, 13837, 13838, 13839, 13840, 13841, 13842, 13843, 13844, 13845, 13846, 13847, 13848, 13849, 13850, 13851, 13852, 13853, 13854, 13855, 13856, 13857, 13858, 13859, 13860, 13861, 13862, 13863, 13864, 13865, 13866, 13867, 13868, 13869, 13870, 13871, 13872, 13873, 13874, 13875, 13876, 13877, 13878, 13879, 13880, 13881, 13882, 13883, 13884, 13885, 13886, 13887, 13888, 13889, 13890, 13891, 13892, 13893, 13894, 13895, 13896, 13897, 13898, 13899, 13900, 13901, 13902, 13903, 13904, 13905, 13906, 13907, 13908, 13909, 13910, 13911, 13912, 13913, 13914, 13915, 13916, 13917, 13918, 13919, 13920, 13921, 13922, 13923, 13924, 13925, 13926, 13927, 13928, 13929, 13930, 13931, 13932, 13933, 13934, 13935, 13936, 13937, 13938, 13939, 13940, 13941, 13942, 13943, 13944, 13945, 13946, 13947, 13948, 13949, 13950, 13951, 13952, 13953, 13954, 13955, 13956, 13957, 13958, 13959, 13960, 13961, 13962, 13963, 13964, 13965, 13966, 13967, 13968, 13969, 13970, 13971, 13972, 13973, 13974, 13975, 13976, 13977, 13978, 13979, 13980, 13981, 13982, 13983, 13984, 13985, 13986, 13987, 13988, 13989, 13990, 13991, 13992, 13993, 13994, 139

A.O.C. I342; 7-1918; Halv. 100; 100-1469; I347; 14-1969.

Mik.pls.3-2f25; I3-I42I; I3-I441a-c; 2It33; 33A-I01a-a; 33A-I111-1

Prit.IB58; l.4fI99-202; S. N. 2. 27-31/2001; A. J. EX.No.1,2;

2: N. & R.S.P.ZI.: Comp. Ind. 7: 2-3 (1980); Call. 1.99: 211.S., 2.

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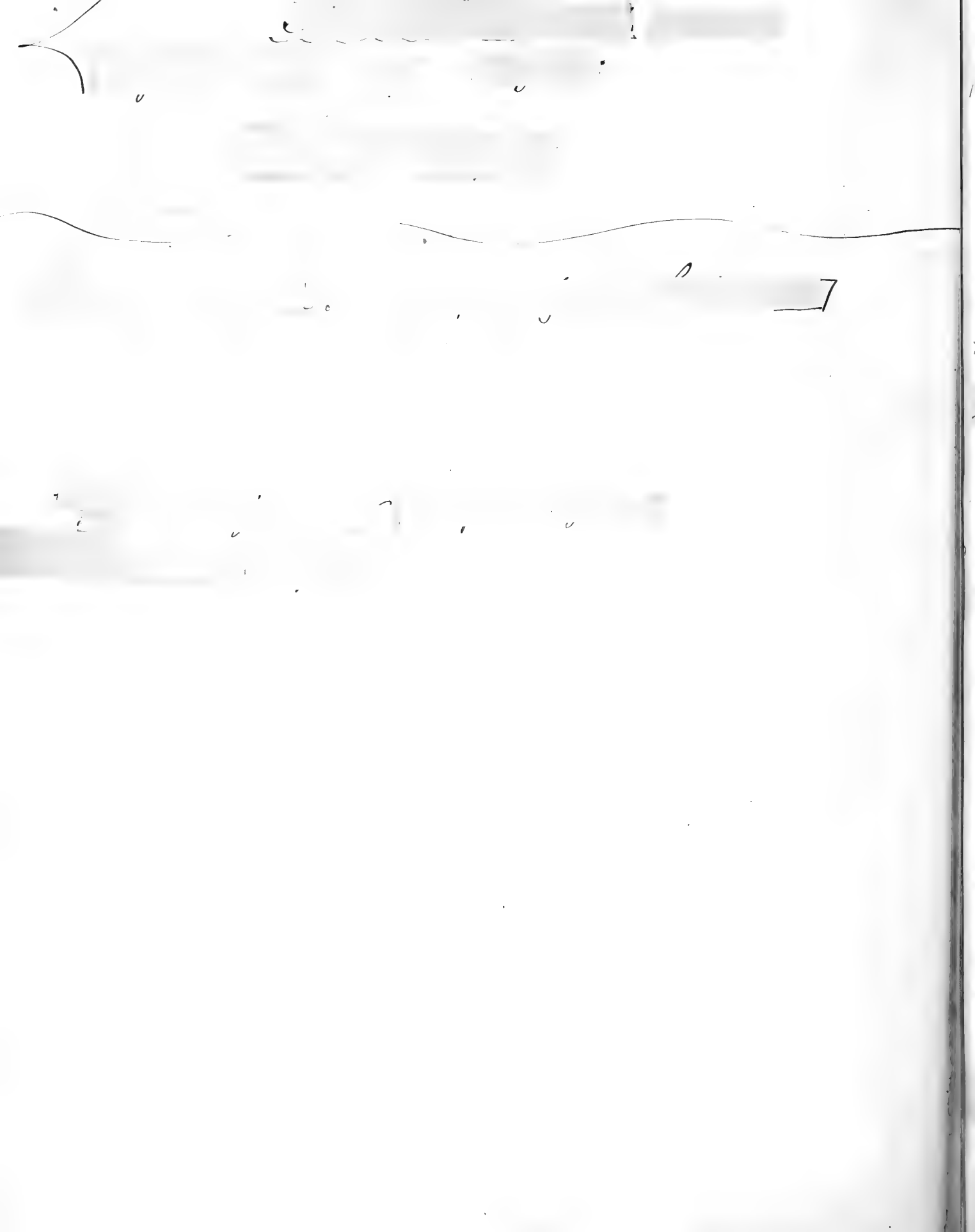
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(Stadionia exilis.)

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+ 73-21 f4; A.M.N.H. 1344 p. 492-14 f12; 1345 p. 173-19 f12; Hüss. Alg. p. 402-

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" var. minutissima, Ralls. - Grun. Alp p. 23-3 f10; Det. Syll. p. 434:

(A. minutissima, K.)

TOBARIANA, Breb. - Grun. Alp p. 29-3 f21: Herib. p. 50: - (Achnanthidium.)

" var. alpestris, Grun. Alp p. 29-3 f26: Herib. p. 51: Sed. Vol. 2, no. 16 p. 72-5 f15 +

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(A. pachypus, var.)

+ GIBBERULA, Grun. - Cl. 1330 p. 22; V.H.S. pl. 27 f47-49; Det. Syll. p. 432:

" var. angustior, Grun., in V.H.T. No. 139: Cl. Nav. 2 p. 184:

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+ HETEROMORPHA, Grun. - Cl. 1330 p. 23; Det. Syll. p. 435: Sed. Vol. 15 p. 57-3 f11, 12: (A. tinctoria?)

HETEROPSIS, Grun. - C. & M. No. 154: - (A. Danica; - Navicula fimbriata.)

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- INFLATA, Grun. I. 33p. 7, 95; Cl. I. 33p. 19; M. T. P. 3-I-3, 9; Det. Syll. p. 475; - (Stenonopsis; -A. ventricosa, E.: -Monogramma & ventr., Ehr.) } +
- INFLATA, K. Syn. 1. 43, f53; K. B. p. 7; 20f3; K. S. A. p. 55; K. Alg. No. 21; R. S. C. p. 23-3f5; Weiss: I. 33p. 35I-3(2)1; - Prit. p. 373; R. E. D. p. III; Lagr. I. 374p. 23, 47f2; Cl. I. 33p. 19; Hoffmann, Marburg; Gallik, Papa; Spamer, Duren: Italy: (A. brevipes, v.)
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- JAVANICA, Grun. - Cl. I. 33p. 13; Vega p. 504; C. & M. I. 47; Det. Syll. p. 471; (A. longipes, var., & Bengalensis.) Atlas 193 f 52: Cl. Nov. 2p. 196;
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- " var. dubia, Grun. - Cl. I. 33p. 25; V. A. S. p. 132-27f12, 13; T. 235; Cl. I. 33p. 5I: Det. Syll. p. 433: Cl. Nov. 2p. 192: - (A. dubia; Bory.)
- " var. elliptica, Cleve, I. 33p. 5I-3f10, II: Cl. Nov. 2p. 192: (A. elliptica.)
- LEIBNITZII, Ag. Cons. 1. 59: Bot. Zeit. I. 33p. 323f10 (A. exilis.)
- LEUDUGERI, Brun & T. p. 9-9fII: Det. Syll. p. 477: (A. brevipes, v.)
- LINEARIS, W. S. - Grun., in Cl. I. 33p. 23; I. 33p. 6; I. 33p. 52; V. H. S. p. 131-27f3I, 32; Socotra; Det. Syll. p. 434: a. cl. 1895 p. 24: Cl. Nov. 2p. 188; (Achnanthidium; -A. Biassolettiana & pusilla.)
- " var. Jackii, Rabh. - Grun. V. H. S. p. 131-27f24: Cl. Nov. 2p. 189: (A' thidium.)
- LOCZYI, Parcoe. 2p. 57-12 217; Det. Syll. p. 474: - (A. brev. var. int.) -
- LONGIPES, Ag. Syst. 1. I; Cons. 1. 53; Brit. Fl. 1. 404; Engl. Bot. taf. 2560; K. Syn. 1. 43; Harv. Man. 1. 200; K. B. p. 77-20fI; Ill. 1. 227-20fI; A. M. N. H. I. 34p. 490-14f7; I. 34p. 175-19f7; Dick. H. C. 1. 1213; Bailey M. O. pl. 2fI; S. B. C. 2p. 27-36f300; Wierx, J.: Prit. p. 373-7f42; M. D. 1. 12fI-3; Heib. 1. II3; R. E. D. p. III; R. D. Ex. 4; Eul. Sp. T. I; N. & R. S. p. 7I; Carr. p. 99; Ill. 1. Cl. I. 33p. 23; I. 33p. 10; I. 33p. 13; I. 33p. 5I; Grun. I. 33p. 7; Eichen, I. 37I; M. T. P. 2-5-14 to 17; S. Sp. T. 3; Bred. D. C. p. 14; Verm. 1. 9; Desmazierres Ed. I, No. 1460; 2No. 1060; Rabh. Alg. Nos. I. 343, I. 423; Manoury I. 370p. 1f3; Petit Cat. p. 16; Fort. Cey. p. 13; Lagr. I. 374p. 53; Carr. I. 33p. 355f42; Carrif. p. 17; V. A. S. p. 129-26f13-16; T. 229; Perag. p. 55; Villef. 1. 33; Wille, pl. 27f22-24; Italy: Det. Syll. p. 470; Malaisie; Cl. Nov. 2p. 195 cum figuris: Oestur 1897 p. 330; (A. macropus; -A. Javanica, Grun.: -A. Carmichaeli & brevipes, var.: -A. Jamalinensis; -Diatoma rigidum & vexillum; -Conferva armillaris & stip. forma minor, Cleve I. 373 p. 10; Det. Syll. p. 470;
- " var. "a", S. B. C. 2p. 27-36f300;
- " var. "g", S. B. C. 2p. 27-36f300g;
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- MESOGONGYLA, Grun. - Cl. I. 33p. 19; C. & M. 193; Det. Syll. p. 475: a. cl. 1895 p. 24;

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" v. pusilla L. - Cl. 1880 p. 23: var. 2p. 1891 - (A. pusilla).

$$+ \frac{6}{\pi} \ln \left(\frac{\rho_0}{r_0} \right) + \dots$$

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 (Raph. L., Sc. Cell. and f. -ensis - Coccobus f. a. -ensis -)
 3 *mammalis*, Cl. nov. p. 187-3f 13-15: (act. -ensis - Raph. L. -ensis -)
 5 " *reticulata*, Cl. nov. p. 187-3f 16:
 7 *margaritarum*, Cl. - L. O. no. 15 p. 57-3f 9, 10: - (act. -ensis -)
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+ marginulata, Cl. Rev. 2, p. 182: - (Alth. delicat.) -

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 " forma bacillaris, E.-DeT. Syll. p. 473: -(A. bacillaris: A. brevipes.)
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 " var. cuneata, Grun.-Cl. I330p. 23: (A. brevipes var.)

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✓ + minutissima, Herib. p. 49: Cl. Nav. 2 p. 188: - (A. Grun. 1869, 23)
✓ " forma curta, H. v. H. S. 27 f. 35, 36: - (A. minutissima).

+ parvula - (A. Grun. 1869, 23, var. P. P.)

> pellucida

> " v. Brasiliensis - Cl. - L. d. vol. 2, No. 17 p. 99-7 f. 15.

> Peragalli, Br. Per. - Herib. p. 50-1 f. 4: (A. Grun. 1869, 23, var. P. P.)

(*A. stracheyi* var. *coarctata*, var.)

+ Subsessilis, Ann. g. 1891 pl. 1 f 6: Herb. p. 47:

" var. incurvata, Bot. Rep. Mar. 2. pl. 3 f 1: (Hel. Rep. p. 11, 12, 13)

+ Taeniata - Bot. Rep. p. 1897 p. 329 - 2 f 15: Cl. 1897, p. 1

+ Trinodis, G. Nav. 2p. 190: - (Nav. t.: - Athid. t.: - Rhod. t.:)

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+ " var. Oregonica, Cl. - Led. no. 15 p. 57-58: Cl. t. p. 23

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- " var. linearum, Schumann H.T. p. 32-1f13: diag. Spz. p. 49-1f16: - (Achnanthes coarct.)
 CONTRACTUM, Schum. H.T. p. 32-2f25: (Achnanthes.)
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 > ELLIPSOIDEUM, K.B. p. 75-3f12; K.S.A. p. 54; Prit. p. 373-14f13: R.E.D. p.
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 " var. naviculoides, Reinsch. - Det. Syll. p. 439: - (A. nav.)
 " var. dissimilis, W.S. - Cl. 1830 p. 17; Strose, Kleinen; Det. Syll. p. 439:
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 > Italy: (Achnanthes.)
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 + LANCEOLATUM, Brer., K.S.A. p. 54; Braemar; S.B.D. 2p. 30-37f304; Prit. p.
 372; R.E.D. p. 107: Hein. p. 119; Carr. p. 98: Schum. H.T. p. 31; Eul. Sp. T.
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 NAVICULOIDES, Reinsch p. 15-1f7: - (Coccoeas m.) (A. flexillum, var.)
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(Rhoicosigma.)

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ACTINELLA.-(Lewis, 1863.)

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GUIANENSIS, Grun.-C. & M.213; N.L.K.D.p.20-5f53; DeT.Syll.p.816:

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(Desmogonium?)

MIRABILIS, Grun.-Amazon: V.H.S.pl.35f16: DeT.Syll.p.816:

PUNCTATA, Lewis, N. & I. p.342-1f5: S.G.1867p.158f166, 167: Sm.Sp.T.

sub No.47; V.H.S.pl.35f18, 21: T.274; Wille, pl.37f6-8, 10:

DeT.Syll.p.816:

4-0: 144-41-5

SCALA, Brun.-Lec.vol.2, no.22, p.229 pl.19f16:

ACTINISCUS.-(Ehrh, 1839.)

Metcg.A.N.D.1.437:

BIOCTONARIUS, E.-Abh.Ber.1854p.237: (Bacteriastrium furcatum.)

BISEPTENARIUS, E.-Abh.Ber.1872pl.6-2f12:

" "

CURVATUS, E.-Abh.Ber.1872pl.6-2f13:

" "

DISCUS, E.-Abh.Ber.1844p.75: K.S.A.p.141; Mik.pl.21f49; Prit.p.935:

R.E.D.p.324; M.D.pl.43f4: DeT.Syll.p.1001:

DUODENARIUS, E.-Abh.Ber.1844p.199:

(Bacteriastrium.)

ELEGANS, E.-Mik.pl.22f51: DeT.Syll.p.1001:

(Dictyochya.)

HEPTAGONUS, E.-Mik.pl.20-1f49: DeT.Syll.p.1001: -(Dictyochya.)

+ LANCEARIUS, E.-Abh.Ber.1844p.199: K.S.A.p.141; Prit.p.935; R.E.D.p.324:

NOVENDNARIUS, E.-Abh.Ber.1939p.139: (Bact.varians.)

PEMNATUS, Grun.-V.H.S.pl.32b, fII, 12: Brun & T.p.63:

(Bacteriastrium: -Corethron hispidum.)

PENTASTERIAS, E.-Kreid.1840p.69; K.B.p.139; K.S.A.p.141; Mik.pls.

18f61; 19f45; 20-1f43; 33-17f1; 35A-23f1: 36f36; Weisse 1854p.242-

2f2; Gu.p.304-1f1; Prit.p.935; Bailey Coll.: R.E.D.p.324:

(Bact.varians; -Dictyochya.) DeT.Syll.p.1001:

QUINARIUS, E.-Abh.Ber.1844p.76: K.S.A.p.141; Mik.pl.19f46; Prit.p.

935; R.E.D.p.324: M.D.pl.43f3:

(Bact.varians.)

RITA, E.-Abh.Ber.1844p.76: K.S.A.p.141; Mik.pl.21f50; Prit.p.935;

M.D.pl.43f5; R.E.D.p.324: DeT.Syll.p.1001:

SEPTENARIUS, E.-Abh.Ber.1854p.237:

(Bact.varians.)

SEMFURCATUS, E.-Mik.pl.35B-4b, f15: Abh.Ber.1854p.237;

1872p.213, pl.6-2f11:

(Bact.furcatum.)

SIRIUS, E.-Kreid.1840p.70; K.B.p.139; K.S.A.p.141; Weisse 1854p.244-

2f3: A.O.S.July 1853p.1; Mik.pls.13f59, 60; 33-15f1; T.M.S.1860p.

151-7f14: Prit.p.935; M.D.pl.41f45; R.E.D.p.323; Bailey Coll.:

Wille, f., pl.69f9: DeT.Syll.p.1001:

TETRASTERIAS, E.-Kreid.1840p.16: K.S.A.p.141; Weisse 1854p.244-2f1:

Mik.pl.13f62; Prit.p.935; M.D.pl.43f1: -(Bact.varians.) DeT.Syll.p.1001:

VARIANS, Lauder.-Grun., in V.H.S.pl.82b, f10:

18-0: 162-41-6

lanceolatus, D. T. Syll. p. 1001:

> Stella, G. Mik. pl. 22 f52: 187. G. p. 1: Mik. pl. 19 f57
20-14 f7: 21 f44: 22 f52: 23 f61:

> vicenarius, G. - ult. Ber. 1839 p. 150: 1872 p. 6 - ult. Ber. 1872 (1871)

- , A.J.S. 1842p.93-2f9-II: = *Ann. d'Entom.*, Meneg. A.N.D.p.477:
 ABUNDANS, E. - A.Ehrenbergii, 3I rays.)
 ACARNA, E. - Abh. Ber. 1843p. 165: (A.E., 33 R.)
 ACHATES, E. (A.E., 102 R.)
 ADAMAS, E. - (A.E., 101 R.)
 AESCHYLUS, E. A.E., 33 R.)
 ALDEBARAN, E. - Abh. Ber. 1840p. 240: (A.E., 34 R.)
 ALEXANDER, E. - Abh. Ber. 1845p. 360; K.S.A.p. 123: (A.E., 51 R.)
 ALIENUS, Grun. - Cl. M. 319; Vega 1.433: Rattr. Rev. p. 602:
 ALIENUS, Rath. J.Q.C. 1890p. 144; Det. Syll. p. 1165: (Var. Californ. of Grun.)
 " var. Arctica, Grun. - V.H.S. pl. 125f12; J.Q.C. 1890p. 144; Det. S. p. 1165:
 " var. Californica, Grun. - V.H.S. pl. 125f10; Woll. pl. 75f14: - (A. alienus, B.)
 AMETHYSTUS, E. (A.E., 103 R.)
 ANACREON, E. - (A.E., 33 R.)
 ANCEPS, Fortm. - Cey. 1.63-8f73: Det. Syll. p. 1187;
 ANCEPS, Castr., 1837p. 146-4f1: - (A. oceanicus.)
 ANCORIFER, Schum. 1837p. 66-3f79: (A. arcuatus.)
 ANTARCTICUS, Castr., 1837p. 145: (A. Oliveranus.)
 ANTARES, E. - Abh. Ber. 1840p. 204; K.B.p. 133; Weisse Guano p. 305;
 K.S.A.p. 123: (A.E., 35 R.)
 APELLES, E. - (A.E., 97 R.)
 APOLLO, E. - (A.E., 100 R.)
 APPENDICULATUS, Grun. - J.Q.C. 1890p. 131: - (Stictodiscus; -A. stictodiscus.)
 AQUILA, E. - Abh. Ber. 1840p. 204; K.B.p. 133; K.S.A.p. 123: Harding
 Bod. p. 120-3f4, 5: (A.E., 36 R.)
 ARCTURUS, E. - Abh. Ber. 1840p. 204; Jan. Gu. p. 9: (A.E., 37 R.)
 ANCORIFER, Schum. 1837p. 66-3f79; Weisse Guano p. 139; J.Q.C. 1890p. 137:
 (A. ancorifer.) Det. Syll. p. 1182;
 AREOLATUS, Wright. - M.S. 1835p. 93-5f1: (Actinocyclus.)
 ASTROLITES, E. (A.E., 104 R.)
 AUSTRALIS, Grun. - V.H.S. pl. 125f17, 3: J.Q.C. 1890p. 153; Det. Syll. p. 1169:
 BARKLEYI, Witton. - R.S.B. 1873p. 29: Rattr. Rev. 11.300, 301: J.Q.C. 1890p.
 158: Det. Syll. p. 1171. - (A. dubius; -Actinocyclus; -Coscinoideus) V.H.S. 124f12.
 " var. *actinocyclus*, Rath. J.Q.C. 1890p. 159: Det. Syll. p. 1171:
 BERYLLUS, E. - (A.E., 105 R.)
 BET-EL-GOSE, E. - Abh. Ber. 1840p. 204; K.B.p. 133;
 K.S.A.p. 123: (A.E., 38 R.)
 BIAS, E. - (A.E., 76 R.)
 BIFRONS, Rattr. Rev. p. 600: (Coscinoideus.)
 BINONARIUS, E., Abh. Ber. 1840p. 203; Mik. pls. 19f10; 20-1f39; R.E.D.p.
 35f6: Jan. & R.p. 3-3f16; Jan. Gu. p. 9-2a, f8: (A. octodenarius.)
 BIOCTONARIUS, E. - Abh. Ber. 1839p. 133; 1840p. 202; K.B.p. 133; K.S.A.p.
 127: Fort. Cey. p. 63: Mik. pls. 18f18: (A. heteractis; -A.E., 16 R.)
 BISMARCIUS, E. - Abh. Ber. 1840p. 202; Weisse Guano p. 304; K.S.A.p. 127;
 K.B.p. 133; Mik. pls. 18f14; 19f7; 20-1f33; 21f15; 22f16;
 (A. duodenarius; -A.E., 12 R.)
 BISEPTENARIUS, E. - Abh. Ber. 1840p. 203; K.S.A.p. 127; K.B.p. 133; Mik. pls.
 13f16; 19f8; 21f16; Weisse Guano p. 304; Jan. Gu. p. 9: (A.E., 14 R.)

Alionus, v. *arctica*, *Gran N. E.* pl. 4f 63; cl. *R. S. Rep.* 22
(3) left 4 p. 18-2f 11, 12: cl. 1897 p. 19:

- BITERNARIUS, E.-Abh.Ber.1339p.137; Kzeid.1340p.57; Mont.Fl.Alp.1.
I44; K.B.1.132; V.S.A.1.127; -(A.Ehrb., 3 Rays.) *Weisse Gu. p. 304*
BRYANUS, Pant.2p.113; Spl.30f441; *Det. Syll. p. 1188*
BREMIANUS, Pant.2p.113-3f39; J.Q.C.1390p.130; *Det. Syll. p. 1172*
CALLIX, Bth. & T.1.10-9f3; J.Q.C.1390p.141; *Det. Syll. p. 1164*
CALLIMACHUS, E.--(A.Ehr., 93 R.)
CANOPUS, E.-Abh.Ber.1344p.26; K.S.A.p.123; -(A.Ehr., 39 R.)
CAPELLA, E.-Abh.Ber.1340p.204; K.B.p.133; K.S.A.p.123;
Jan.Gu.p.9; (A.Ehr., 40 R.)
CARBUNCULUS, E.- (A.Ehr., 106 R.)
CERES, E.-Abh.Ber.1340p.205; Mg.pls.33-17f2; 35A-17f2; K.B.1.133;
K.S.A.p.123; *Weisse Gu. p. 304*; Jan.Gu.p.9; -(A.Ehr., 25 R.)
CHALLENGERI, O'M.-J.C.S.1375p.53-1f3; J.Q.C.1390p.201; *Det. Syll. p. 1183*
CHILO, E.- (A.Ehr., 73 R.)
CHRYSOTILITHIS, E.- (A.Ehr., 107 R.)
CIRCUMDATUS, Pant.Ip.33-3f23; -(A. crassus.)
CLAVIGER, Schm.1337p.33-3f35; Heaw.1337p.131; -(A.moniliformis.)
CLEOBULUS, E.- (A.Ehr., 72 R.)
CLEVEI, Castr.1337p.143-4f6; J.Q.C.1390p.202; -(Cose. confluens.) *Notar. 1889p. 88*
COMPLANATUS, Castr.1337p.143-4f9; J.Q.C.1390p.135-
11f10; -(A.Ralfsii, p.p.) *Notar. 1889p. 743*; *Det. Syll. p. 1174*
" v. anguste-fasciata, Rattr.-J.Q.C.1390p.133;
" v. latefasciata, Rattr.-J.Q.C.1390p.133;
CONCENTRICUS, Rattr.-J.Q.C.1390p.135; *Det. Syll. p. 1181*
CONFLUENS, Cln.-J.Q.C.1390p.133-11f13; *Det. Syll. p. 1174*
" v. apiculata, Rattr.-J.Q.C.1390p.134; *Det. Syll. p. 1174*
CRASSUS, W.S.-Prit.p.335; Carr.p.94; O'M.I.D.p.239; Italy; *Det. Syll. p. 1169*
V.H.S.p.215-124f3, 3; Wolle, pl.103f1; Villef.p.71; Cl.1391p.37;
(A.subcrassus; -Eupodiscus.)
" v. moniliformis, Ralfs.-Cl.1391p.37;
CROESUS, E.-Abh.Ber.1344p.165; -(A.Ehr., 55 R.)
+ CRUCIATUS, Schm.1337p.37-3f34; Heaw.1337p.139; J.Q.C.1390p.142; *Det. Syll. p. 1174*
CURVATULUS, Jan.-Atlas 57f31, 32; Wolle, pl.94f14;
DAEDALUS, E.- (A.Ehr., 92 R.)
DAVIDUS, E.- (A.Ehr., 53 R.)
DECUSSATUS, Grove in litt.; -(A.confluens.)
DENARIUS, E.-Abh.Ber.1339p.129; p.73; Kzeid.1340p.59; Mg.pls.33-16f1;
13f12; 21f13; 22f15; Mg.1353p.33; K.B.1.133; K.S.A.1.127; Mont.Fl.
Alg.p.194; *Weisse Gu. p. 304*-1f3; 1364pl.1f3; -(A.Ehr., 10 R.)
DENTICULATUS, Castr.1337p.145-4f5; J.Q.C.1390p.202; (Cose. confluens.)
DISSEMINATUS, Pant.2p.113-3f35; J.Q.C.1390p.141; *Det. Syll. p. 1163*
DIVES, E.-Abh.B.1340p.204; K.B.p.134; -(A.Ptolomaeus; -Cyclotella.)
DUBIUS, Grun.-M.T.P.4-3-9; A.O.M.1377p.100; -(A.Barkleyi.)
DUODENARIUS, E.-Kr.1340p.30; Mg.1353p.33; Mont.Fl.Alp.1.194; K.B.1.
133; K.S.A.p.127; S.B.D.2p.33; Jan.Gu.1.3-1b, f11; Jan. & R.1.3-2f12;
(A.Ehr., 12 R.; -A.bisenarius; -Actinophaenia splendens; -Actinocyclus.)

Ehrenbergii. Schum. - Hedw. 1867 p. 138:



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- DUX, E. - Abh. Ber. 1845p. 336; K.S.A.p. 123; - (A.E., 56 R.)
 EHRENBURGII, Schumann 1867p. 3633f32; J.Q.C. 1890p. 197; - (A. moniliif.)
 EHRENBURGII, Ralfs. - Prit. p. 334; Grun. 1838p. 25; 1873p. 23; 1837p. 31;
 Petit Nimrod; Cat. p. 39; Flopel, Baltic; Sm. Sp. T. 10; Samf. p. 47; Cl.
 1873p. 7; Vega 11. 504, 509; Lagr. 1873. 12; V. A. S. p. 215 - 125f7; 1. 513;
 J.Q.C. 1854p. 174; Atlantic City; Part. 11. 66-30f3f9; 2p. 113; Mobile;
 Italy; Perag. p. 76; Villef. p. 72; Woll. pl. 35f9; A.M.M. 2. 1891p. 2545;
 (Actinocyclus, species multae.) Det. Syll. p. 1177.
 var. V. A. S. pl. 125f1; - (A. monilifer) A. Janisch.
 var. intermedia, Grun. - V. A. S. pl. 124f5; J.Q.C. 1890p. 131;
 Woll. pl. 35f12;
 ELEGANS, Fortm. Cey. p. 63-3f77; J.Q.C. 1890p. 201; Det. Syll. p. 1188. -
 ELLIPTICUS, Grun. - V. A. S. pl. 124f10; J.Q.C. 1890p. 192; Woll. pl. 35f1;
 (Cestodiscus ovalis, var.) Det. Syll. p. 1184;
 var. Sendaiana, B. - Brun 1891p. 5-14f3; Det. Syll. p. 1184;
 ELONGATUS, Grun. - V. A. S. pl. 125f15; Brun & T. p. 53; J.Q.C. 1890p. 193; Det. Syll. p. 1186. }
 var. dubia, Grun. - V. A. S. pl. 125f16, 17; J.Q.C. 1890p. 193, 17; Det. Syll. p. 1186 }
 EOS, Kilton. - S. G. 1880p. 91; J.Q.C. 1890p. 204; (Shrubsle?) Det. Syll. p. 1186 }
 EURIPEDES, E. - (A.E., 33 R.)
 FALSUS, W.S. - Heaw. Vol. 6p. 31 (1867) - teste Grun.
 FASCICULATUS, Castr. 1837p. 144-4f3; J.Q.C. 1890p. 169; Notar. 1889p. 743; Det. Syll. p. 1176. -
 var. Castr. 1887p. 144-4f3; J.Q.C. 1890p. 169; - (A. fasciculatus.)
 FLOS, Brun & T. p. 10-9f2; J.Q.C. 1890p. 142; Det. Syll. p. 1164;
 FO-EL-HOT, E. - Abh. Ber. 1843p. 135; - (A.E., 41 R.)
 FORTUNATUS, E. - Abh. Ber. ? - (A.E., 34 R.)
 FULVUS, Ralfs. - Prit. p. 335; O.W. I. D. p. 269; Fort. Cey. p. 33; Cl. 1873p. 3;
 Lagr. 1873p. 13; Italy; J.Q.C. 1890p. 193; - (Ailiscus; - Eupodiscus.)
 FUSCUS, Norman. - Sm. Sp. T. II; A. J. M. 1877p. 100; Mobile:
 (A. Ralfsii; - Coscinodiscus Barkleyi & f.) ad. 13. 1875p. 38;
 GRAECORUM, E. - Mik. pl. 20-1840; J.Q.C. 1890p. 186-11f3; Det. Syll. p. 1180.
 GUINENSIS, Grove. - J.Q.C. 1890p. 135-11f3; Det. Syll. p. 1182,
 HELVETICUS, Grun. - J.Q.C. 1890p. 204; - (Cyclotella compl. v.)
 HESIODUS, E. - (A.E., 31 R.)
 HETERACTIS, E. - Abh. Ber. 1872p. 12f12, 13; - (A. bioretanae; - A. Ehrenbergii.) Det. Syll. p. 1180.
 HOMERUS, E. - Abh. Ber. 1845p. 360; K.S.A.p. 123; (A.E., 30 R.)
 HORATIUS, E. - (A.E., 90 R.)
 HYACINTHUS, E. - (A.E., 103 R.)
 IASPIS, E. - (A.E., 109 R.)
 IASPONYX, E. - (A.E., 110 R.)
 IMPERATOR, E. - (A.E., 53 R.)
 INCERTUS, Grun. - C. & M. 16; V. A. S. pl. 125f4; Rattr. Rev. 1. 302;
 J.Q.C. 1890p. 143; Woll. pl. 35f3; Det. Syll. p. 1164,
 INGENS, Rattray. - J.Q.C. 1890p. 149-11f7; Det. Syll. p. 1167.
 INTERPUNCTATUS, Ralfs. - Prit. p. 335; Sm. Sp. T. 12; A. J. M. 1877p. 100;
 Atlantic City; J.Q.C. 1890p. 203; Det. Syll. p. 1189.
 (Actinoptychus; - Eupodiscus; - Hyalodiscus stelliger;)
 JANISCHII, Schum. 1837p. 66-3f30; Heaw. 1837p. 133; - (A. sparsus, J. Ehrh. & R.)
 JANUS, Rattray Rev. p. 300; - (Coscinodiscus.)

moniliformis, (a. Kalypso, v. indivisa.)

pinnatus, E. M. pl.

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- JAPONICUS, Castr. I337p. I43-4f3; J.Q.C. I390p. 201; Notar. I339p. 742;
Det. Syll. p. II33: (A. pruinosis.)
- JUNO, E.-Abh. B. I343p. 271; Mg. I353p. 33; Weisse Gu. p. 305;
Jan. Gu. p. 9: (A. Ehr., 21 R.)
- JUPITER, E.-Abh. B. I340p. 203; I341p. 1.2-3f5; Amer. pl. 2-3f15; K.B. p. I33-
23f9; Mik. I33p. 33; Weisse Gu. p. 305; Jan. Gu. p. 9: (A. Ehr., 21 R.)
- KINKERIANUS, Part. 3p. 2. -421571:
- KNEIMEIDES, Part. Ip. 36-II f93: (A. moniliformis.)
- LABYRINTHUS, Part. Ip. 36-3f27; J.Q.C. I390p. I40; Notar. I333p. 306;
Det. S. p. II33:
- LEUCOCORYSUS, E.- (A. Ehr., III R.)
- LOCUPLES, E.- (A. Ehr., 35 R.)
- LOCZYI, Part. 3p. 2. -301441; Det. S. p. II33:
- LUNA, E.-Abh. B. I340p. 203; Mg. pl. 35A-I3f1; K.B. p. I33; K.S.A. p. I23;
Weisse Gu. p. 304; Jan. Gu. p. 9: (A. Ehr., 21 R.)
- LUXURIOSUS, E.-Abh. B. I345p. 360; K.S.A. p. I23: (A. Ehr., 32 R.)
- LYRA, E.-Abh. B. I343p. I65: (A. Ehr., 42 R.)
- MAGNIFICUS, E.- (A. Ehr., 39 R.)
- MARYLANDICUS, Rattr.-J.Q.C. I390p. I50-II f12; Det. S. p. II33:
- MARS, E.-Abh. B. I340p. 203; Mg. pl. 35A-I3f1; 35A-I3f2; K.S.A. p. I23;
Weisse Gu. p. 305; Jan. Gu. p. 9: (A. Ehr., 22 R.)
- MEJILLONIS, Rattr.-J.Q.C. I390p. I34; (A. moniliformis.)
- MERCURIUS, E.-Abh. B. I340p. 203; K.B. p. I33; K.S.A. p. I23;
Jan. Gu. p. 9: (A. Ehr., 26 R.)
- MINUTUS, Grev. in litt.: J.Q.C. I390p. I70-II f4; Det. S. p. II73:
- MIRABILIS, Rattr.-J.Q.C. I390p. I59-II f13; Det. S. p. II71: (A. vetustiss.)
- MONILIFORMIS, Rafs.-Prit. p. 334; O'M.I.D. p. 263-27f2; Petit Cat. p. 39;
B.S.B. I373p. 4: Woll. pl. I03f5; Italy: Det. S. p. II30: *var. 5. 124f9*:-
(A. semiocellatus, clavatus, truncatus, knishus, moniliformis,
germanus; -Eupomiscus truncatus & minutus: + *A. crassus*, K.; -
var. *var. 5.* N.D. p. 94-3f1; - (Act. mon. 1890p. 184. 3. 3. I371. 1.)
var. *var. 5.* H.V. I.S. pl. I2 f9: - (A. mon.)
var. *var. 5.* Baltica, Rattr.-J.Q.C. I390p. I35: Det. S. p. II31:
- MORVENSI, Grev.-J.Q.C. I390p. I95; Det. S. p. II35: (Obs. 1890 R.)
- MURRAYI, Grev.-J.Q.C. I390p. I43; Det. S. p. II35:
- NEOTRACHESUS, Part. 3p. -421573; Det. S. p. II35:
- NIAGARE, L.L. 91.-A. 100. *MOU* 1. 17-3f10; Grev. 1891, 2; 1891, 13;
I373p. 33; J.M. I379p. I35-5f10; 1891, I379p. 32; J.Q.C. I390p. I41;
Woll. pl. I03f4; Det. S. p. II34:
- NINUS, E.-A. Ehr., 50 R.)
- NONARIUS, E.-Abh. B. I339p. I33; Kr. p. 59; K.B. p. I32-II f22; K.S.A. p. I27;
Polt. pl. Al. p. I94; E. 11. 113. I3f11; 1940; 2 f112; 35A f10; I371. 33;
Weisse Gu. p. 304; Jan. Gu. p. 3; R.E. 6. p. 35; Amer. I371: - (A. Ehr., 9 R.)
- NOVADENARIUS, E.-Abh. B. I340p. 203; Weisse Gu. p. 304; - (A. Ehr., 10 R.)
- NUMA, E.-Abh. B. I345p. 360; K.S.A. p. I23: (A. Ehr., 54 R.)
- OBSCURUS, Rattr.-J.Q.C. I390p. I37-II f5; Det. S. p. II32:
- OCEANICUS, Rattr.-J.Q.C. I390p. I37; Det. S. p. II35: - (A. Ehr., 3, 1891.)
- OCTODENARIUS, E.-Abh. B. I390p. III-4f2; S. J.C. 21. 30:
(A. binonarius; -Actinotychus; -A. Ehr., I3 R.)

- OCTONARIUS, E.-Abh.B. I337p.151; Ill. I. I76-2117; J. Q. C. I390p. 20-1159;
 21111: 22114; I335p.33; Jan. I. I. 9-22, 17; J. Q. C. I390p. 1. 33:
 (A. Ehr., 3 R.: -Actinocyclus; -Eupodiscus classis.)
 OLIVERANUS, O.M.-J.L.S. I375p.53-1f7; Castr. I337p. I54-4f7;
 J. Q. C. I390p. I13; Det. S. I. I137:
 (A. Antarticus & subantarctic; - Actinocyclus; - Poodiscus.)
 OMPHUS, E.- (A. Ehrenbergii, II2 Rays.)
 ONYX, E.- (A. Ehr., II3 R.)
 OPALUS, E.-A. Ehr.; II4 R.)
 OPIPARUS, E.- (A. Ehr., 33 R.)
 OPULENTUS, E.-Abh.B. I345p.559; W.S.A.p. I23:
 (A. Ehr., 53 R.: -Discoplea.)--
 ORNATUS, Rattr.-J. Q. C. I390p. I52-II19; Det. S. I. I115;
 ORPHEUS, E.- (A. Ehr., 99 R.)
 OVALIS, Norman.-Cl. & M. No. 222; V. 1. S. pl. I24fII: J. Q. C. I390p. I93;
 Det. S. p. II35: -----Gran., I333pp. 25, I03-A. Roperi.)
 PALLAS, E.-Abh.B. I344p. 265; W.B.p. I34; W.S.A.p. I23; E. Mg. pl.
 35-I5f2; Jan. Gu. p. 9: (A. Ehr., 27 R.)
 PAMELIOS, E.-Abh.B. I340p. 360; W.B.p. I34; W.S.A.p. I23;
 Pric. p. 335: (A. Ehr., I29 R.)
 PARADOXUS, E.-Mik. pl. 20-1f4I; Abh.B. I375p. 33; J. Q. C. I390p. 205;
 Det. S. I. I139:
 PARTITUS, Gran. I J. Q. C. I390p. I53;
 Det. S. p. I139: (A. Rafinesii, v.)
 PELLUCIDUS, Castr. I337p. I47-29fI3; J. Q. C. I390p. I99: Notar. I339p.
 744; Det. S. p. II37: (A. subtilis.)-
 PEPLUM, Br.-Brun I39Ip. 6-I9f5; Det. S. p. II33: (Cestodiscus.)-
 PERIANDER, E.- (A. Ehr., 77 R.)
 PHIDIAS, E.- (A. Ehr., 94 R.)
 PINDARUS, E.- (A. Ehr., 35 R.)
 PITTACUS, E.- (A. Ehr., 74 R.)
 PLUTUS, E.-Abh.B. I345p. 360; W.S.A.p. I23; (A. Ehr., 59 R.)
 POLYACTIS, E.-Abh.B. I345p. 360; W.S.A.p. I23: (A. Ehr., 33 R.)
 PRAXITELES, E.- (A. Ehr., 95 R.)
 PRETIOSUS, E.- (A. Ehr., 37 R.)
 PROCYON, E.-Abh.B. I345p. 360: (A. Ehr., 43 R.)
 PRODIGUS, E.-Abh.B. I345p. 360; W.S.A.p. I23: (A. Ehr., 33 R.)
 PROSERPINA, E.-Abh.B. I345p. 360; W.S.A.p. I23: (A. Ehr., 30 R.)
 PRUINOSUS, Castr. I337p. I44-4f2; J. Q. C. I390p. I57-II15: Notar. I339,
 p. 744; Det. Syll. p. II75:
 v. minor, Rattr.-J. Q. C. I390p. I33; Det. S. p. II73:
 PTOLOMAEUS, E.- (A. Ehr., 52 R.)
 PUMILUS, Castr. I337p. I47-I2f2; J. Q. C. I390p. 202: Notar. I339p. 744:
 Det. S. p. II38: (Coscinoiscus Antarticus.)
 PUNCTULATUS, Castr. I337p. I46-I6f3; (A. moniliformis.)
 PUSILLUS, Gro.-J. Q. C. I390p. I33: Det. S. I. I175; (Coscinoiscus.)
 PYRGOTELES, E.- (A. Ehr., 96 R.)
 PYROTECHNICUS, Deby, J. Q. C. I390p. I44-II1fI5; Det. S. p. II65;
 PYXICOLA, E.-Mik. pl. I31f9; J. Q. C. I390p. 200: -(Pyxidiscus)

Ralfaii, E. -

v. parvitas, Gn. - V.H.S. pl. 132 f. 101

- QUATERNARIUS, E.-Abh.B.I338p.I29; Mg.pls.2If7; 22f10:-(A.Ehr., 4 R.)
- QUATUORDENARIUS, E.-Abh.B.I340p.203; Mg.pl.33-I3f2:-(A.Ehrb., 14 R.)
- QUINARIUS, E.-Abh.B.I338p.I29; Mg.pls.I3f3; I9f5; 2If3; 22f11:
Jan.Gu.p.3: (A.Ehr., 5 R.: -Actinoptychus.)
- QUINDENARIUS, E.-Abh.B.I339p.I40; Kr.p.30; Mg.pls.I3f17; I9f9; 2If17:
Mont.Fl.Alg.p.I95; K.B.p.I33; K.S.A.p.I27; (A.Ehr., 15 R.)
- RADIANS, Rattr.-J.Q.C.I390p.I5f-I1f11; Det.S.p.II33:
" v.minor, Rattr.-J.Q.C.I390p.I52: Det.S.p.II33:
- RADIATUS, Rattr.-J.Q.C.I390p.I6I-IIf6; Det.S.p.II72:
- RALFII, W.S.-Prit.p.335-5f34; Carr.p.94; Eul.Sp.T.II4; Cl-Java p.5:
O'M.I.D.p.263-27f1; B.S.B.I373p.29; I379p.3; M.T.P.4-3-3; Sm.Sp.T.
I3; Pet.Cat.p.39; Fortm.Cey.p.33; Carp.I33I1.If1; V.A.S.p.2I5-I23f
6; T.5I6-5I8; Atlantic City; Perag.p.76; J.Q.C.I390p.I55; Pant.2p.
II3; Det.S.p.II70:-(A. & Coscinod.fuscus; -A.complanatus; -Eupouiscus.)
" v.Australiensis, Gru.-V.A.S.pl.I24f2,4: J.Q.C.I390p.I57;
Brun & T.p.63; Det.S.p.II70:-
" v.Challengerensis, Gastr.I337p.I40-30f1; Det.Syll.p.II71:
J.Q.C.I390p.I57:
" v.indivisa, Gru.-weissflog Coll.: ~~Actinocyclus~~ (A.moniliformis.)
" v.Monicae, Gru.-V.A.S.pl.I24f3; J.Q.C.I390p.I57; Wollp.pl.
35f13; Det.S.p.II71:
" v.Samoensis, Gru.-V.A.S.pl.I24f1: J.Q.C.I390p.I57; Det.S.p.II70:
" v.sparsus, Greg.-Prit.p.335; Cl. & M.II5; Pet.Cat.p.I39;
Villef.p.7I: (A. & Eupouiscus sparsus.)
" v.Yarransis, Cl. & M.II5; A.J.M.I379p.IOI:
- REGULUS, E.-Abh.B.I343p.I63:- (A.Ehr., 44 R.)
- REX, E.- (A.Ehr., 57 R.)
- RIGL, E.- (A.Ehr., 45 R.)
- ROPERI, Kitt.-B.S.B.I373p.30; I379p.4; V.A.S.pl.I25f5,6:
J.Q.C.I390p.I94;
Rattr.Rev.Cosc.p.602: J.R.V.S.I333p.9I5; Det.S.p.II35:
(A.ovalis, Gru.: -A.Ehrenbergii, R.: -Coscinod.ovalis; -Eupouiscus.)
- ROTULA, Br.-Brun I39Ip.3-I7f5a,b; Det.S.p.II72;
- SALOMON, E.- (A.Ehr., 79 R.)
- SAPPHIRUS, E.- (A.Ehr., 115 R.)
- SAPPHO, E.- (A.Ehr., 34 R.)
- SARCA, E.- (A.Ehr., 116 R.)
- SARDONYX, E.- (A.Ehr., 117 R.)
- SATURNUS, E.-Abh.B.I340p.203; K.B.p.I33; K.S.A.p.I23;
Jan.Gu.p.9-2a,f1: (A.Ehr., 23 R.)
- SEDENARIUS, E.-Abh.B.I339p.I4I-4f11--Actinoptychus:-- Roperi,
in T.H.S.I334p.74-3f2, I3, I4; S.B.C.2p.33:
(A.bioclonarius; -Actinophaenia splendens.)
- SEMOCELLATUS, Scher.I337p.33-3f3I: ~~Actinocyclus~~ (A.moniliformis.)--
- SENARIUS, E.-Abh.B.I337p.3I: Inl.p.I72-2If3; Jan.Gu.p.3-Ib, 17:
(A.Ehr., 6 Rays, & undulatus; -Actinoptychus.)-
- SENARIUS, Harting p.I20-3f3: (A.crassus.)
- SEPTEMDENARIUS, E.-Abh.B.I344p.265; weisse Gu.p.304; Jan.Gu.p.9:
(A.Ehrb., 17 R.)

subtilis,

" for. major, } Ralfo { V.H.S. 125f 11:
" for. minor, } { V.H.S. 125f 9:

- SEPTENARIUS, E.-Abh.B.1339p.153; Kr.1.53; M.11s.1369; 20-1665; 21f
 IO: 22f13; 1356p.38; Mont.Fl.Alg.p.194; K.B.p.132; K.S.A.p.127:
 (A.Ehrenbergii, 7 Rays.)
- SIGNATUS, Rattr.-J.Q.C.1390p.163-II f2; DeT.Syll.p.II73:
- SIRIUS, E.-Bailey Coll.: (A.Ehr., 46 R.)
- SMARAGDUS, E.- (A.Ehr., 118 R.)
- SOCRATES, E.- (A.Ehr., 73 R.)
- SOL, E.-Abh.B.1340p.203: (A.Ehr., 47 R.)
- SOLON, E.- (A.Ehr., 71 R.)
- SOPHOCLES, E.- (A.Ehr., 87 R.)
- SPARSUS, Greg.-J.Q.C.1390p.170: DeT.S.p.II76:
 (A.Ralfsii, v., & Janischii; -Eupodiscus.)
- SPICA, E.- (A.Ehr., 48 R.)
- SPINOSUS, Brtw.-M.J.1360p.93-3f15; J.Q.C.1390p.200: -(Actinopt. velat. s.)--
- SPLENDENS, Rattr.-J.Q.C.1390p.163-II f14; DeT.S.p.II76:
- STELLA-POLARIS, E.- (A.Ehr., 49 R.)
- STICTODISCUS, Gru.-V.H.S.pl.II3f4: -(A. & Stictodiscus appendiculatus.)-
- SUBCRASSUS, Rattr.-J.Q.C.1390p.154: (A.crassus, p.p., & circumdatus.)
- SUBOCCELLATUS, Rattr.-J.Q.C.1390p.145-II f1; DeT.S.p.II66:
 (A.curvatulus, p.p.: -Coseinodiscus curvat., var.s.)
- SUBTILIS, Greg.-Ralfs, Prit.p.835; Carr.p.94; Eul.Sp.T.II3; Sm.Sp.T.
 I4; Cl. & M.171; A.J.M.1377p.101; B.S.B.1373p.29; 1379p.4; V.H.S.1.
 216-124f7; Cl.Vega p.509; Italy; Pant.Ip.66-14f124; 2, p.II3; Rattr.
 Rev.p.602; J.Q.C.1390p.138; Perag.p.76; Villef.p.72; Wolle pl.35f7:
 DeT.S.p.II33: -(A.falsus, tenuissimus; -Eupodiscus s. & Gregorianus.)--
- v.aperta, Rattr.-J.Q.C.1390p.191; DeT.S.p.II33;
- v.disjuncta, Rattr.-J.Q.C.1390p.190: DeT.S.p.II33:
- v.subdivisa, Gru.-V.H.T.No.520: (A.subtilis.)
- TENELLUS, Cl., Vega p.509; 1373p.13; Heaw.Vol.3p.31: -(Eupodiscus.)
- TENUISSIMUS, Cl., 1373p.21-5f34; Cl. & M.149; Grevillea 1373p.71; J.P.
 1379p.136-5f134; V.H.S.pl.125f2; Wolle pl.106f6; J.Q.C.1390p.135:
 DeT.S.p.II31: (A.subtilis, v.)
- v.Australiensis, Gru.-V.H.S.pl.125f3: (A.tenuissimus.)
- TERNARIUS, E.-Abh.B.1338p.129-4f11; Mg.pl.22f9:
 (A.Ehr., 3 R.: -A.moniliformis.)
- TERRA, E.-Abh.B.1343p.271; Jan.Gu.p.9: (A.Ehr., 29 R.)
- TESSELLATUS, Ralfs, Prit.p.835; Carr.p.94; B.S.B.1373p.30;
 1379p.6: (Eupodiscus; -Roperia.)
- THALES, E.- (A.Ehr., 75 R.)
- THUMII, Pant.Ip.67; J.Q.C.1390p.193: (Coseinodiscus.)
- forma bicentralis, Pant.Ip.67-29f300:
- TOPAZIUS, E.- (A.Ehr., 119 R.)
- TREDENARIUS, E.-Abh.B.1340p.203; Mg.pl.13f15; K.B.p.133;
 K.S.A.p.127; Jan.Gu.p.3: (A.Ehr., 13 R.)
- TRILINGULATUS, Brtw.-M.J.1360p.93-5f2, 2a, b; J.Q.C.1390p.200:
 (Actinoptychus; -Schuettia.)--
- TRIRADIATUS, Roper.-M.J.1353p.23-3f5; J.Q.C.1337p.6; 1390p.200:
 Wolle pl.69f3: (A.inartatus; -Actinopt. velatus & t.)
- TUBAL-CAIN, E.- (A.Ehr., 91 R.)

Handwritten signature

- TYRTAEUS, E.- (A.Ehrenbergii, 32 Rays.)-
 UMBONATUS, Castr.I337p.I45-4f5: (A.Oliveranus.)
 UNDAIUS, Harting p.II9-3fI3: (Actinopt.undulatus.)
 UNDAIUS, Cl.-J.Q.C.I335p.I74-I3fI4; I395p.I52:
 Del.Syll.p.II73: (Coscinodiscus.)
 UNENARIUS, E.-Abh.B.I339I,I33; Kr.p.59; Mg.pls.I3fI3; 20-fI37; 2fI
 I4; I353p.33; weisse Gu.p.304-I4; Jan.Gu.p.3: Grt.Gl.Ah.p.I4;
 K.B.p.I33; K.S.A.p.I27: ^{A93-} (A.Ehr., II R.)
 UNDULATUS, Bail.-A.J.S.I342pl.2fII: K.B.p.I32-I42a,b; K.S.A.p.I27;
 Heib.p.37: (Actinopt.bitenarius, biternatus, & a.)
 UNDULATUS, Breb.D.C.p.I3; Roper, Thames; Mull; Girard Ross.pl.4,fI4;
 Cl.I373p.2I3; J.Q.C.I335p.274: (A.senarius, E.)
 URANUS, E.-Abh.B.I340p.204; K.B.p.I33: (A.Ehr., 32 R.)
 VENUS, E.-Abh.B.I344p.265; Mg.pls.35A-I3f3; 33B-22f7; Jan.Gu.p.9:
 weisse Gu.p.304: (A.Ehrb., 30 R.)
 VESTA, E.-Abh.B.I344p.265; Jan.Gu.p.9: (A.Ehr., 3I R.)
 VICENARIUS, E.-Abh.B.I340p.203; K.B.p.I33; K.S.A.p.I23: (A.Ehr., 20 R.)
 VIRGILIUS, E.- (A.Ehr., 39 R.)
 ZEUXIS, E.- (A.Ehr., 98 R.)
 ZOROASTER, E.- (A.Ehr., 70 R.)

ACTINODICTYON.--(Pant.1891.)

- ANTIQUORUM, Pant.2p.IIO-IOfI73; Del.Syll.p.I395:-(Antaeodiscus?--)
 WEISSELOGII, Pant.3p. -5f34; Del.S.p.I395:-(Actinopt.elegantulus.)---

ACTINODISCUS.--(Grev., 1863.)-

- , Rabh.E.D.p.35:
 ATLANTICUS, K. & S.-T.B.C.Vol.I3p.72-92f7; Atlas I54fI2; Wolle pl.
 33fII; Del.S.p.II34: (Actinoptychus.)--
 BARBADENSIS, Grev.-T.M.S.I333p.69-4fII; J.Q.C.I337p.64; Atlas
 I32fI: Del.Syll.p.II34:
 v.Asatica, Br.-Atlas I73f7: Gloria, Br.-L.D.2, no.22p.229-23f14: atlas 202f7.
 GRAYII, Grev.-Atlas I3fII:
 HOROLOGIUM, Brun.-L.D.2, no.22p.230-23f13:

ACTINOgonium.--(Ehr., 1854.)-

- MULTIRADIATUM, Rattr.-Rev.Cosc.p.323-3fI5: Del.Syll.p.I423:
 SEPTENARIUM, E.-Abh.B.I347p.54; I375p.33-I4; Mg.pl.36f39; M.D.pl.
 43f3; Prit.p.3I3-5f55; V.H.S.pl.I27f8; Rattr.Rev.Cosc.p.323; Del.
 S.p.I423: (Inner layer of Asterolampra?)

ACTINOGRAMMA.--(Ehr.1872.)

- BROOKEI, E.-Abh.B.I372p.254: (Asteromphalus; -Asterolampra.)
 JUPITER, E.-Abh.B.I372p.392-9f3: (A.Brookei.)
 SATURNUS, E.-Abh.B.I372p.392-9f5: (A.Brookei.)
 SEPTENARIUS, E.-Abh.B.I372pl.I4; (Asterolampra.)
 SOL, E.-Abh.B.I372p.392-9f3; (A.Brookei.)
 STELLA, E.-Abh.B.I372pl.6b,f7: (A.Brookei.)
 VENUS, E.-Abh.B.I372p.392-9f4: (A.Brookei.)---

~~H. H. H. H.~~
H. H. H. H.

> Barboi, Brun. - Les D. 27 n° 16 p. 72-5 f. 10:

> biformis, var. perisetosus, Br. - (actinophychus p.)

ACTINONEIS. - (CC, 1893) - A subgenus of *Achnanthes* - Virens
HETEROMORPHA, Cl. - (*Achnanthes*.)
INOPINATA, Cl. - (*Achnanthes*.) -

40-

ACTINOPHAENIA. - / *Shadbl.* 1851
SPLENDENS, Shadbl. *U.S.* 13301.94-3f13; *Pitt.* p.340; *U.S.* 13301.2:
N. & R.S. p.35; B.S.B. 1373p.30: - (*Actinopt. halionyx*, var., & S.: -
A'eyclus. duodenarius, octodenarius, sedenarius, v.)

ACTINOPTYCHOS. --- / *Shadbl.* 1851
-- , Meneg. A.N.D. p.473: -- , Atlas If10:
-- , Atlas If7f1: 132f5, 13: 153f15:
-- , Atlas 155f8: -- , Pant. 2p. 103-12f109:
-- , Pant. 3p. -29f293: - (*Debya insignis*.)
ADAMANS, Brun & T. p. 10-3f3; Atlas 155f9; DeT. Syll. p. 1374;
ADRIATICUS, Grun. 1363p. 130-13f20; V.H.S. pl. 12f4; Atlas 153f14;
Italy: DeT. S. p. 1332:
" v. Balearica, Gru. - V.H.S. pl. 12f2; Malaisia; DeT. S. p. 1332:
" v. *umila*, Gru. - V.H.S. pl. 12f15; DeT. S. p. 1332;
AFFINIS, A.S., Atlas 152f20:
AMBLYOCEROS, A.S., Atlas If25; Pant. 1p. 30-13f110; Atlas 153f13; Wollé,
pl. 35f5: (*Triceratium a. & Marylandicum*: - *Schuetzia*.)
ANANINENSIS, Pant. 2p. 103-12f109; DeT. S. p. 1379: - (*Sireno. ins.*)
ANEMONE, Br. - Brun & T. p. 11-3f4; DeT. S. p. 1379:
ANNULATUS, Wallich. - V.H.S. pl. 124f14: (*Schuetzia* *Wollé*: - *Triceratium*.)
" v. minor, Gru. - V.H.S. pl. 124f13;
ANLARCICA, Castr. - DeToni. - (*Omphalopelta*.)
ANTIISTROPUS, Br. - Atlas 153f11:
APICATUS, E. - Abh. B. 1355p. 301; Mg. 1353p. 33:
ARCULIFER, A.S., Atlas 100f7, 3; Pant. 2p. 103; DeT. S. p. 1390:
AREOLATUS, A.S., Atlas If9; 29f4-3; M.T.P. 4-3-3; Fortm. Cey. p. 39; A. .
M.J. 1391pl. 2f43; Mobile; Atlantic City; Wollé pl. 35f4; Pant. 2p. 103;
(*A. undulatus*; - *Omphalopelta*.) -
ASIATICUS, Brun & T. p. 11-3f9; Atlas 155f5; 153f10; DeT. S. p. 1375:
6A. nitidus, var. ?
ASTER, Brun. - Atlas 173f2;
ATLANTICUS, K. & S. - Atlas 173f5: - (*Actinodiscus*.)
BARKLEYI, ? - (*A'eyclus*: - *Coscinodiscus*.)
* BIFORMIS, Brun. - Atlas 153f3-3:
BIFRONS, A.S., Atlas 90f3; Pant. 1p. 31-7f59; 2, p. 103; Notar. 1333p.
303; DeT. S. p. 1374;
BISEPTENARIUS, E. - Mik. pl. 33-13f5; Wollé pl. 103f9:
BISMARCKII, A.S., Atlas 91f1; Wollé pl. 103f10; DeT. S. p. 1379;
BITERNARIUS, E. - Abh. B. 1343p. 133; Mg. pls. 13f20; 33-13f1; 33-15f13;
35A-17f4; 1353p. 33; Weiss: G. 1. 305-1f3; 1354p. 21f-1f3; Fortm.
Cey. p. 39: ~~33-100f1, 16f3, 35A-16f1~~ (*A. & Actinocyclus* *maritimus*.) -
BITERNATUS, E. - Mik. pl. 33A-13f1; Bail. Coll.: - (*A.* *maritimus*.)
BOLIVIENSIS, Jan. - Atlas If23; 29f9; 109f15; Pant. 2p. 103;
DeT. Syll. p. 1391;
" var. *V. Cleve*, - J.Q.C. 1335p. 172-13f12; DeT. S. p. 1390:

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- BORYANUS, Pant. 2p. 106-22f329; Det. Syll. p. 1377;
 BRUNII, A.S., Atlas 153f1-3;
 CALICINUS, A.S., Atlas 132f22; Det. S. p. 1391;
 CAMPANULIFER, A.S., Atlas 29f13-15; Det. S. p. 1390;
 CAPENSIS, Gru.-V.H.S. pl. 120f1; Det. S. p. 1337;
 CATHEDRALIS, Br.-Atlas 154f6; (A. *Staubii*.)
 CERES, E.-Abh. B. 1844p. 76; Mg. pl. 13f29; K.S.A. p. 131;
 Det. S. p. 1391; (A. *splendens*.)-
 CEYLANENSIS, Fortm. Cey. p. 70-3f79; Det. S. p. 1333;
 CLAVATUS, Gru.-Atlas 154f9-II;
 CLEVELI, A.S., Atlas 9If1; Pant. 2p. 106; Det. S. p. 1339;
 CONCENTRICUS, A.S., Atlas 153f13;
 CONSTRICTUS, Gro. & St.-J.Q.C. 1337p. 143-14f63; Notar. 1333p. 464;
 Det. S. p. 1375; (A. *undulatus*; ~~var.~~)
 CREPIDA, A.S., Atlas 153f5;
 DECORA, A.S., Atlas 155f14;
 " v. *Japonica*, A.S., Atlas 155f15;
 DELECTUS, A.S., Atlas 1f3; Det. S. p. 1339;
 DELICATISSIMUS, Witt 1835p. 15-9f1; Det. S. p. 1332;
 DENARIUS, E.-Abh. B. 1841p. 409; Amer. p. 121; Mg. pls. 13f25; 2If19; K.B.
 p. 134; K.S.A. p. 131; Weisse Gu. p. 305; Prit. p. 341; Fortm. Cey. p. 69;
 O'M.I.D. p. 267; (A. *senarius* & *undulatus*.)
 DILATATUS, Pant. 1p. 61-13f112; 2p. 106; Notar. 1333p. 307; Det. S. p. 1376;
 DIVES, E.-~~Abh.~~ B. 1844p. 202; Mg. pl. 19f12; Prit. p. 340;
 (Cyclotella; -Discoplea; -Stictodiscus.)-
 DUODENARIUS, E.-Abh. B. 1839p. 140; Kr. p. 60; Mg. pl. 13f24; K.B. p. 134;
 K.S.A. p. 131; Weisse Gu. p. 305-1f8; Jan. Gu. p. 11; R.E.D. p. 35; Gru.
 1838p. 25; O'M.I.D. p. 267; Brab. Verm. p. 10; (Actinocyclus; -
 A. *elegantulus*, *splendens*, *undulatus*; -*Heliopecten* Planchon.)
 ELEGANS, Ralfs, Prit. p. 341; Atlas 153f4, 6; Wolle pl. 74f14;
 (A. *duodenarius*.)
 ELEGANTULUS, Gro. & St.-J.Q.C. 1337p. 142-13f40; Notar. 1333p. 463;
 Det. S. p. 1331; (A. *glabratus*, v.)
 ERINACEUS, Brun & T. p. 12-7f1; Det. S. p. 1336; (A. *hispidus*; ~~var.~~)
 EROSUS, Castr. 1837p. 123-7f3; Notar. 1339p. 745; Det. S. p. 1332;
 EXCELLENS, Schumann 1837p. 64; Atlas 1f14; Wolle pl. 92f3; -(A. *senarius*).
 FLOS-MARINAE, Br.-Brun 139Ip. 7-IIf3; (Polymixus?)
 FUSCUS, Gro. & St.-Atlas 132f21; Det. S. p. 1391;
 " var., Gro. & St.-Atlas 154f8;
 GEMINUS, A.S., Atlas 9If3, 7; Pant. 2p. 106; Det. S. p. 1339;
 GLABRATUS, Gru.-V.H.S. pl. 120f3; J.Q.C. 1335p. 72; 1337p. 64; Brun & T.
 p. 63; Atlas 153f7, 12; 156f12, 13; Pant. 2p. 106; Det. S. p. 1337;
 (A. *elegantulus*--*splendens*, var., & *interpositus*.)
 " var., A.S., Atlas 154f4;
 " v. *Andesitica*, Pant. 2p. 106; 3p. 1-5f76; Det. S. p. 1337;
 " v. *Angelorum*, Gru.-V.H.S. pl. 120f9; Wolle pl. 35f13; Det. S. p. 1337;
 " v. *incisa*, Gru.-V.H.S. pl. 120f8; J.Q.C. 1337p. 172; Brun & T. p. 63;
 Wolle pl. 35f19; Atlas 154f2, 3; Det. S. p. 1337;

hexagonus

7 "var. Indicus, Brn. -

(a. Indicus.) ~

7 Stellabyanus, Brn. - L.S. vol. 2, n° 22 p. 230-23 f 1:

7 "v. corallina, Brn. - L.S. 2 n° 22 p. 230-23 f 2:

7 Indicus, Brn. - L.S. 2, n° 16 p. 73-5 f 8:

(a. hexagonus var.) ~

7 Lobatus, Brn. - L.S. vol. 2, n° 22 p. 230-23 f 5: -

7 Lucidus, Brn. - L.S. 2, n° 16 p. 73-5 f 9: ~

7 Lucidus, Brn. - L.S. 2, n° 22, p. 231-23 f 6:

ACTINOPTYCHUS. -

- v. *Montereyi*, Gru.-V.H.S.pl.120f7; Wollé pl.35f17; Det.Syll.p.1337:
 v. *subangulata*, A.S. Brun & T.p.33; -(A.subang.)
 GRACILIS, Schum.1367p.64-5f73; Det.S.p.1337:
 GROVEI, Thomas.-LeD.Ip.21-3f5; Det.S.p.1337:
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 74f11; 92f3,7; Pant.2p.107-25f105; Det.S.p.1337:-(A.grundleri)
 var., A.S.,Atlas 90f7: --, Pant.Ip.107-12f106: (A.Gru.)--
 GRUNOVII, A.S.,Atlas 1f13; Det.S.p.1339:
 HALYONIX, Gru.1333p.25: M.T.P.4-5-2:
 (A. & Actinophasia splendens, v.: - *Halyonix, species multae.*)
 HELIOPELTA, Gru.-M.T.P.4-5-5; V.H.S.pl. 120f1; Wollé 1f22;
 Wollé pl.92f1; 103f2; Brun 139Ip.7-IIIf10; Det.S.p.1377:
 (Heliopelta, species omnes.)-
 v. *versicolor*, Brun 139Ip.7-IIIf10; Det.S.p.1377:
 HETEROSTROPUS, A.S.,Atlas 29f2; 109f9-II; Witt 1335p.15-3f1:
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 + HEXAGONUS, Gru.-Atlas 1f15; 29f10; Vega pl.503,509; Det.S.p.1390:
 v. *decumana*, A.S.,Atlas 1f17; Det.S.p.1390:
 v. *tenella*, A.S.,Atlas 1f16; Cl.Vega p.509; Det.S.p.1390;
 HEXAPTERUS, E.-Amer.pl.3-7f2; V.B.p.134; K.S.A.p.131; 110f1.
 340-IIIf1; Det.S.p.1391;
 HISPIDUS, Gru.-V.H.S.pl.123f2; Det.S.p.1333:-(A.erinaceus & Mosaica.)--
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 HUTTLINGERIANUS, Witt 1333p.II-2f1; Det.S.p.1375:
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 INOPINATUS, A.S.,Atlas 1f19; Det.S.p.1339:
 INTERNEDIUS, A.S.,Atlas 9f2,3; 109f12; Pant.2p.107; Det.S.p.1339;
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 JAPONICUS, Gru.-Atlas 1f21; Fortm.Cey.p.69; Det.S.p.1339:
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- MARYLANDICUS, Brum.-Atlas 102f3; Wolle pl. 92f12; (Tricarinatus.)--
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- NEOGRAESENSIS, Pant. 1. 62-7f55; 2, 1. 107; (Schistocera.)
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- PAMOCSEKII, Truan.-Pant. Ip. 62-7f54; Notar. 1333p. 303; Det. S. p. 1330;
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- " v. tenera, Gro. & St.-J.Q.C. 1337p. 142-13f41; -(A. tenera.)
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" v.denarius, O'M.I.D.p.237: (A.den.)

" v.duodenarius, O'M.I.D.p.237: (A.duoden.)

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" v.cruceifera, Grd.-V.N.S.pl.120f2; Atlas 133f13, 19; Det.S.p.1333;
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" v.glabrata, Pant.Ip.33-16f133, 145; (A.glab.)

" v.halyonix, Grd.-V.N.S.pl.119f3; 120f3, 5; Malaisie; Villef.p.73;
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" var. nicobarica, Gn. - V.H.S. 120 f4: Det. Syllp. 1386: R.A.C. No. 172:

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 TRILINGULATUS, Brtw. -Prit. p. 340; Atlas 1f20; Fortm. Cey. p. 69;
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- VICENARIUS, E.-Amer. p. 122; Abh. Ber. 1341p. 410; Mg. pl. 13f23; K.B. p. 134;
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" vars., J.Q.C. I337p.1. I33f10; Atlas I21f5,7,17;

" v. *aristalis*, Gr. - V. I.S. pl. I21f5; Det.S. p. I334;

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" v. *hexapona*, Witt, I333p. I0-2f17; Det.S. p. I379;

" v. *scutiformis*, W. & C. 2p. 4-5f1,2; Witt I333p. 24-2f20,21;

Bot. Cblt. I333p. I3f; Det.S. p. I330;

ALLODONEIS. ---- (Grunow, 1878.)

AMPHORA, Brn. -

(Navicula.) ----

ANTILLARUM, Cl. & Gr. - Cl. I373p. 3-2f11; Grevillea I373p.33; J.M. I379p.

23-If11; Vega p.511; Castr. I337p.35-15f5; 20f14; 23f14; Brn. & T. p.

33;

(*Trachyneis*: - Navicula; - Scolioptera.) -

CASTRACANEI, Pant. 2p. 55-23f344; Sp. Z. - 25f374; - (*Cleria*: - (*Neoscolioptera*.) -

COCCONEIFORMIS, Gr. - Cl. & . 255; (*Angochia* *Angochia*) (Scolioptera.)

CURVINERVIA, Cl. & Gr. - Cl. I373p. 3-2f13; Grevillea I373p.33; J.M.

I379p.29-If13;

(*Caloneis*: - Navicula; - Scolioptera.) -

DEBYI, Fortm. - Ann. Bot. Brit. I392p. I8-2f5; - (*Trachyneis* *Trachyneis*) -

GRANGLERI, Cl. & Gr. - Cl. I373p. 7-2f10; Grevillea I373p.33; J.M. I379

p.23-If10;

(Nav.: - Scolioptera.)

GRUNOWII, Pant. 2p. 55;

FLATII, Pant. 3p. - 22f330; - (Navicula.)

JAPONICA, Castr. I337p.33-20f12b;

(Nav.: - Scolioptera.)

KURZII, Gr. & Cl. - Cl. I373p. 3-2f12; Grevillea I373p.33; J.M. I379p.

23-If12;

(Nav.: - Scolioptera.)

MEDITERRANEA, Brn. -

(Navicula.)

MONODON, Brn. -

"

SCALARIFER, Brn. -

"

SPHAEVULTUS, Brn. -

"

STANTONI, Grn. - Cl. & H. 304;

(*Prunus* *Navic.*: - Scolioptera.) -

VITRISCALA, Brn. -

(Navicula.)

AMPHICAMPA, Ehrh. 1853

--, Wille pl. 43f29-31;

ALTA, E. - Abh. B. I369p.45, pl. 2-If17; Det.S. p. 312;

ALTOXY, E. - Abh. B. I369p.45, pl. 2-If24; Det.S. p. 312;

Amphidiscus. - (Ehr., 1839.) ~

Vide A. Ph. Ber. 1839: et *Microgeologie.* - (non-Diatomaceus.) ~

BURCKARDII, E.-Abh.B.1369p.45, pl.2-1111; Del.S.p.312;
 DISFORMIS, E.-Abh.B.1369p.45, pl.2-1113; Del.S.p.312;
 ERUCA, E.-Abh.B.1369p.44pl.2-1115; Del.S.p.312; (A.mirabilis; -Eruca.)--
 Gran.1362p.343; Del.S.p.312;
 GEROLTI, E.-Abh.B.1369p.45, pl.2-1115; Del.S.p.312;
 LUTULEA, E.-Abh.B.1369p.45, pl.2-1122; Del.S.p.312;
 MEXICANA, E.-Abh.B.1369p.45, pl.2-1116; Del.S.p.312;
 MIRABILIS, E.-Abh.B.1369p.46, pl.1b, f11; 1375p.130; M. pl.33-712; Prit.
 p.735-4f5; Gran.1362p.343; M.D.pl.43f12; -(Eruca mirifica; -A.miraca)
 MONTANAE, E.-Abh.B.1369p.45, pl.2-1116, 20; Del.S.p.312;
 OCTONARIA, Rabb.E.D.p.75; Del.S.p.313;
 PAUPERA, E.-Abh.B.1369p.45pl.2-1121; Del.S.p.313;
 PISCIS, E.-Abh.B.1369p.45, pl.2-1123; Del.S.p.313;
 PUMILIO, E.-Abh.B.1369p.45, pl.2-1123, 20; Del.S.p.313;
 REGLANA, E.-Abh.B.1369p.46pl.1"b" f3; Del.S.p.312;
 SIBIRICA, Cl.-DeToni Syll.p.312; (Eruca.)

AMPHICAMPA, Rabb.1862

AQUATORIALIS, Cleve Java p.12-3f17; Malaisie; (Amphicampa.)
 ALATA, Rabb.E.D.p.257; (Nev.-A'pampa.)--
 DUPLEX, Rabb.E.D.p.257; Cl.1373p.20; (A'pampa.)
 GIGANTEA, Rabb.E.D.p.253; (A'pampa.)
 PALUDOSA, Rabb.E.D.p.253; -(Amphicampa.)

AMPHIPENTAS.---(Ehr.1840.)

--, Breb.Verm.p.10, f22; (Amphipentastus antiochianus.)--
 --, Meneg.A.N.D.p.431;
 ANTIPODAS, E.-Abh.B.1369p.45, pl.2-319; M. pl.133-20; M.S. pl.104; M.
 D. pl.10911; Prit.p.333-1112; Gran.1362p.343; Del.S.p.312;
 Syll.p.911; -(A'tetras.ornata; -Triceratium pentacrinus.)--
 ANTILLARUM, Cl.-Del.Syll.p.911; -(Triceratium.)
 BORYANA, Pant.-Del.S.p.912; (Tricerat.)
 CAMPECHIANA, Gr.-Del.S.p.913; (Tric.)
 CYCLAMEN, Brn.-Del.S.p.913; (Tricer.)
 FLEXUOSA, Bailey Mss.; Prit.p.353-3f22; R.E.D.p.319;
 Del.Syll.p.913; (Tric.pentacrinus.)--
 GODDEFRUYI, Gr.-Del.S.p.913; -(Tric.)
 GRANDE, Brw.-Del.S.p.914; -(Tricer.)
 " v.pentagona, Pant.-Del.S.p.914; -(Tricerat.)
 HUNGARICA, Pant.-Del.S.p.913; -(Triceratium.)--
 GROVEI, Pant.-Del.Syll.p.912; (Tric.)
 JIMBOI, Pant.-Del.S.p.913; -(Tric.)
 JUNCTA, A.S.-Del.S.p.912; -(Tricer.)
 " v.fossilis, Pant.-Del.S.p.912; -(Tricerat.)
 LAETA, Pant.-Del.S.p.911; (Triceratium.)
 LOCZYII, Pant.-Del.S.p.912; (Tric.)
 " v.confluens, Pant.-Del.S.p.912; -(Tric.)
 MOBILIS, Grev.-Del.S.p.911; -(A'tetras.-Triceratium.)--
 OBTUSA, Bailey.-B.J.N.4.1361p.343, f5; Del.Syll.p.913;

CRINUS, Grun. I 352 p. 433; K.S.A. p. 38; Hall; Prit. p. 733; Schum. 4.1. p. 7.
T.M.S. I 350. 22. canicule: Prit. p. 353; Del. S. p. 910: (Triceratium.)--
QUINQUELOBAIA, Grun. Del. Syll. p. 911: (Triceratium.)---

ANTHOPLEURA. - (Kz, 1844) -

- , Meneg. A. N. D. p. 421: Pfitzer p. 92:
CRETAE, Grun. I 352 p. 433: (Elnotia.) ----
DANICA, K.B. p. 103-30 f 33; K.S.A. p. 38; Hall; Prit. p. 733; Schum. 4.1. p. 7.
2 f 19; I 357 p. 53-1 f 3; R.E.D. p. 143; O.M.I.D. p. 322; Sm. Sp. 1. I 5; M.M.J.
I 377 p. 13; A.J.M. I 377 p. 101; Del. S. p. 229: - (Navicula fusiformis, v.)
" var. "a", 1861 p. 112, K.S.A. p. 33: - (Nav. v.)
DEBYI, Fortr. - Ann. Bot. Brit. I 392 p. 22-2 f 10: *Cl. Nav. p. 127*:
" var. "b", 1861 p. 112, K.S.A. p. 33-1 f 9; R.E.D. p. 144;
Del. Syll. p. 228: *Grevillea vol. 1 p. 91-6 f 3*:
INFLEXA, Breb. - K.S.A. p. 33; S.B.D. 2 p. 90: Prit. p. 733-4 f 31; Carr. p. 33;
R.E.D. p. 144; Sm. Sp. 1. I 5; A.J.M. I 377 p. 101; Del. S. p. 229:
(Amphora; -Okeania.)
INTERMEDIA, Grun. - M.M.J. I 377 p. 179: (A. pellucida, v.)
JAPONICA, Str. Jap. p. 16-2 f 26; Heaw. Vol. 7 p. 53; 9 p. 131;
Del. S. p. 229: (Okeania.) -
LINCHEDNERII, Grun. I 352 p. 439-II f 11; R.E.D. p. 144; M.M.J. I 377 p. 179-I 95 f
13; Sm. Sp. 1. I 7; Cl. I 33 p. 9; J.R.M.S. I 390 p. 106-2 f 4; Wille pls. 2 f 1;
Del. S. p. 227: *Cl. Om. #298 = A. pell. v. Brasilensis.* - (A. Sillivantii:) *a. pell. var.*
" var. *anisi*, Cl. & M. 293; V. 1. Type I 33: Truan I 335 p. 43-2 f 34, 35;
Del. S. p. 227: (A. pell. var.; - (A. Trubiana.)
" var. "a", 1861 p. 112-2 f 1; Wille pls. 11 f 11; Del. S. p. 227: - (A. pell. var.)
" var. "b", 1861 p. 112-2 f 1; Wille pls. 11 f 11: - (A. pellucida, v.) -
" var. "c", 1861 p. 112-3 f 1; Wille pls. 11 f 11; K.S.A. p. 33; Rab. Alg. 725; R.S.D.
p. 33-5 f 1; Marissal; S.B.D. 1 p. 45-15 f 127; Rab. Bac. No. 66; M.D. p. 1. 12 f 7;
Weisse I 330 p. 359-1 f 27; R.E.D. p. 143, f 43; Q.J.M.S. I 330 p. 203: I 33 p. 37;
Prit. p. 733-4 f 30; 9 f 141; I 3 f 1; Grun. I 352 p. 433; Heib. p. 117; Schum. A.T.
p. 57; I 357 p. 53-1 f 9; Carr. p. 33; Edl. Sp. 1. 5; Hall; Jan. pls. 10, 11; Sm.
p. 1. I 3; O.M.I.D. p. 321-2913; M.D. 2-3-3; M. Soc. I 372 p. 193; I 373 p. 11
57, 115, 173; I 374 p. 137; V. 1. 1874 p. 123, 159; I 37 p. 13; I 372 p. 135;
I 376; 3-10 f 1; Belloe, Lichon; 1861 p. 112 f 12; Petit liste p. 22; T.
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cum photos.: Gallia, Papau; A.M.M.J. I 332 p. 99; I 391 p. 1 f 29; Dannf. p.
34; Lager. I 334 p. 57; Nature I 333 p. 355; Engl. Mech. I 333 p. 117, 133, 151,
159, 173, 199, 216, 230; Nor. Mic. I 333 p. 43; J.R.M.S. I 382 p. 534; I 335 p. 529;
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113-17 f 14, 15; T. I 35; Cl. Vega p. 491; I 39 p. 41; R.S.Tr.N.S. Wales I 335
p. 1-13; B.S.B. I 335 p. 146; Lake Michigan; J.Q.C. I 380 p. 44; The Micr.
I 333 p. 197; Bot. Cblt. I 330 p. 350; Hoffmann, Marburg; Truan I 335 p. 47-2 f
33; Perap. p. 63; J.R.M.S. I 390 p. 103-2 f 1-3; Del. S. p. 227; Spamer, Duren;
Wille pls. 11 f 11-5; 1861 p. 122: *Cl. Nav. p. 126*; *Born alp. p. 95-4 f 30*:
(Aulacocystis; -Frust.; -Navicula; -A. intermedia & Oregonica.)
" var. "a", Belloe, Lichon: -
" var. "b", Schumann I 339 p. 35-2 f 7;
RIGIDA, K.B. p. 104-4 f 30; K.S.A. p. 38; Prit. p. 733-13 f 2; Carr. p. 33; Heib.
p. 117; Schum. I 357 p. 53; R.E.D. p. 143; Cl. I 333 p. 239; I 373 p. 23; Sm. Sp. 1.
19; Breb. Verm. p. 10; A.J.M. I 377 p. 101; Dannf. p. 34; Del. S. p. 229: (A.

Amphiplura.

--' Le D. vol. 2, no. 21 p. 172-11f 15: 12f 8:

hungarica, Pant. - Cl. Star. p. 127: - (Berk.) -

Lindheimeri (spell var.) - Carp. 1891 pl. 11f 4

micans, Lynq. - Cl. Star. p. 126: - (Bangia: - Berkelya m.,
adriatica, pusilla.)
" var. fragilis, Grw. - Cl. Star. p. 126: - (Berkelya f.)

pellucida, J.Q.C. 1884 p. 7. M. M. J. 1879 pp. 663-674 Carp. 1891 pl. 11f 4

" var. brasiliensis, Cl. Star. p. 126: - (A. Lindheimeri, pp.)

" v. intermedia, Grw. - Cl. Star. p. 126: - (A. int.)

" v. Lindheimeri, Grw. - Cl. Star. p. 126: - (A. Lind.) -

" v. maxima, H.S.D. - Cl. Star. p. 127: - (A. max.)

" v. Oregonica, Grw. - Cl. Star. p. 126: - (A. Oreg.)

" v. recta, Hutton. - Cl. Star. p. 127: J.Q.C. 1884 p. 184f 4, 4a:

" v. Schumannii, Grw. - Cl. Star. p. 127: - (A. pell. Schum. - A. Schumannii.)

" v. Tremani, V.H. - Cl. Star. p. 127: - (A. pell. var. - A. Lindh. v. Fr.)

rutulans, Trentepohl. - Cl. Star. p. 126: - (Conferva: - Schiz. Dillwynii; -
Berkelya Dill.; - Berk. obtusa var. adriatica.)

" var. antarctica, Harv. - Cl. Star. p. 126: - (Berkelya a., Jimmiea,
Harveyana, parasitica.)

SCHUMANNII, Grun.-M.M.J. 1877^{p.180}; Del.Syll. 1.223: -(*A. pell.*, var.)
 SICULA, Grun. 1861.468; Del.S.p.228: (Siliqua.)
 SIGMOIDEA, S.B.D. 1p.45-15f128; Breb.D.C.p.18; M.D.pl.12f7; Girard
 Foss.p.12-3f5; Hull; Fortm.Cey.p.39; Flogel, Baltic:
 (A. 1p.128; -Nitzschia sagra, v.)
 TRUANI, -Truan. 1883: Vide Del.Syll.^{p.227}: -(*A. Lindeheimeri*, v. *Truani*)
 SULLIVANII, ?-Del.Syll.p.227: -(*A. Lindeheimeri*.)
 WEISSLOGGII, Grun.-M.M.J. 1877^{p.180-195f14}; Del.S. 1.223; Woll. pl.3f3;
Cl. Navp. 127:-

AMPHIPLEURA.----- (867, 1273)

--, Monog.A.M.D.p.428: --, Bail., An.Nat. 1868p.510-13f22:
 --, T.M.S. 1857p.76-1f39; --, LeD.Vol.2pp.51-54:
 AMPHICAMPUS, Cl.-De Toni Syll.p.335: -(*A. gigantea*, var., & *Amphicampa*.)---
 ALATA, E.-K.B. 1.107-3f33; K.S.A.p.93; Britw.Inf.Fauna pl.10f1(3); S.
 + B.C. 1p.44-15f124; Front.; A.M.N.H. 1856p.1; Rabh.Alg.Eur.741, 1063 sub;
 Prit. 1852pl.10f5,7; Breb.D.C.p.18; Bail.M.O.f8-10; Grun. 1860p.568;
 Prit.p.921-1315-7; Heib.p.91; A.M.N. 1.18351.3-1f33-38; Carr.p.113;
 N.& R.S.p.71; Roper, Thames; Hull; Eiben, 1870; Mobile; Lagn. 1873p.51;
 Flogel, Baltic; Pet.Nimrod; Sm.Sp. 1.20; M.T.P.3-5-5; Cl. 1880p.62; V.
 H.S.p.121-22f11,12; T.195; Dannf.p.34; Perag.p.64; Villef.p.55; Del.
 Syll.p.331; Woll. pl.2f20,21; Truan 1835p.53-4f3; Malaisie:
 (A.plicata, striolata: -Amphigania, Amphitropis, Entomoneis, Navicula)
 ANTARCTICA, Grun.-Cl.& M. 125^{1/2}; Del.S.p.343; -(*Tropidoneis*.)
 + ARENARIA, Breb.-Rab.Alg. 2150; Heaw. 1870p.73; Del.S.p.340;
 BALEARICA, Cl.& M. 154^{sub}; Vega p.506: -(*A. gigantea*, v. ⁴²*A. sulcata*, v.)
 BALTICA, Pfitzer.-Pet.Class.f10; T.M.S. 1877pl.187f10: -(*Anomoeoneis*.)
 BISERIATA, O'M.-M.J. 1871p.22-3f4; Heaw. 1871p.67; Del.S.p.339;
 BJARRENSIS, Part.3p. -421877:
 CALUMETICA, Thomas.-Lake Michigan: Woll. pl.48f22-24;
 Del.S.p.343: (A.lepidoptera.)
 CAMPECHIANA, Grun.-Cl. 1880p.66; Del.S.p.340;
 CHALLENGERI, Grun.-Cl.& M. 125^{sub}; Cl. 1880p.64; Del.S.p.331;
 CHINENSIS, Grev.-A.M.N.H. 1865p.7-5f13: (A.Sinensis.)
 CLEPSYDRA, Grev.-Trans.Bot.S.Ed. 1863p.541-1f20; Del.S.p.337;
 COARCTATA, Brun & T.p.14-3f12; Del.S.p.340; -(*Auricula*.)
 COMPLEXA, Breb.D.C.p.18; Greg.D.C.p.33-4f32; Prit.p.922; Carr.p.113;
 R.E.D.p.256; Grevillea 1874pp.38,39 cum icone; Malaisie:
 (Auricula; -Palmeria vulgaris.)
 CONSERTA, Lewis.-N.& R.S.p.63-1f5; Woll. pl.107f3,4: (Amphora.)
 CONSPICUA, Grev.-T.M.S. 1831p.33-10f16; V.H.S. 1.22(2)f3;
 Woll. pl.2f16; Del.S.p.335: *Cl. Navp. 16*: (A.pulchra, v.)
 CONSTRUCTA, E.-Aren. 1.122, 11.2-6f28; K.B. 1.107-29f34; K.S.A.p.93; S.
 B.C. 1p.44-15f126; Prit. 1852pl.13f30; 1861p.922-12f1; Breb.D.C.p.18;
 Grun. 1860p.568; Heib.p.91; R.E.D.p.253, f60; Hull; Eiben, 1871; Fortm.
 Cey.p.39; Sm.Sp. 1.21; Woll. pl.2f14,15:
 (Amphora; -Navic. similans; -Stomoneis amphoroides.)
 CORNUTA, W.& Chase 1p.2-1f6; J.O.C. 1837p.73; Del.S.p.343;
 Bot.Clet. 1833p.35, Nos. 15, 16:

Q. Mi. 1858 p. 11 *dumphyana*.

+ *alata*, *cl. nar. p. 15*:

" *var. intermedia*, *cl. nar. p. 16*.

" " *japonica*, *cl. nar. p. 16-17*.

" " *pulebra*, *cl. nar. p. 17*.

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Boehissoniana, *Grav. - cl. nar. p. 17-18*: - *Grav., Edinb. N.H.J. 1863 p. 578-1578*:

- COSTATA, O'M.-M.J. I389p. I5I-I2f6; Wollé pl. I07f5; Mobile;
 Del. Syll. p. 343;
 CRENULATA, Tempere.-Led. Vol. 2p. 50-9f9, IO: *cl. Nav. p. 16*;
 DECUSSATA, Grun.-Cl. I330p. 33; V. I. S. pl. 22fI3; Trian I335p. 53-4fI;
 Wollé pl. 2fI9; Pant. 2p. 53; Malaisie; Del. S. p. 333; -(*a. gigantea*, v.)
 + " v. *centralis*, Grun.-Cl. I330p. 33-5f37; Vega p. 473; Del. S. p. 343.
 DELICATULA, Grev.-Trans. Bot. S. Ed. I333p. 539-4fI5, I6; Del. S. p. 337; -(*Tropidoneis* v.)
 DIADEMA, O'M.-M.J. I37Ip. 22-3f5; Hedw. I37Ip. 539; Del. S. p. 339;
 DILATATA, Pant. 2p. 55-IOfI79; -(*a. paludosa*, v.)
 DISCA, S. I. I. 44-I5fI25; Grun. I330p. 533; R. E. D. p. 254; Hall: *cl. Nav. p. 16*
 (A. Ralfsii: Donkinia & Pleurosigma compacta *Tropidoneis*? - Nitzschia?)
 DUPLEX, Donk.-M.J. I353p. I65-3fI3; Prit. p. 922; Eiben, I37I; Sm. Sp. T. 22:
 Cl. Pates; I39Ip. 34; Danf. p. 31; Pant. 2p. 53; Del. S. p. 333;
 (A. paludosa, v.: -Amphicampa.) - *v. H. J. 22fI5/6*;
 + " v. *hyalina*, Eul.-Del. Syll. p. 333; (A. paludosa, var. & A. hyalina.)
 ELEGANS, Greg. D. C. p. 33-4f53; S. B. D. 2p. 90; Prit. p. 922; Carr. p. II4; R. E.
 + D. p. 254; M. T. P. 3-5-7; Lagr. I373p. 5fI; Cl. I330p. 34; Vega p. 5I2; V. I. S.
 pl. 22fI6; Mobile; Wollé pl. 5f3; Malaisie; -(A. vitrea, v.: -Plagiotropis)
 " v. *Auratica*, Grun.-Cl. I330p. 34; -(*Tropidoneis*, v.)
 " v. *gracilis*, Grun.-Cl. I330p. 34; -(*Trop. longa*, var. g.)
 EXIMA, Grev.-Trans. Bot. S. Ed. I333p. 533-4fI3; -(*Tropidoneis maxima*)
 FIMBRIATA, Castr. I337p. 40-I7fI5; *Not. I889p. 68I; Del. Sp. 336*;
 FRACILIS, Brun. & T. p. I4-3fI4; Del. S. p. 333; -(*Tropidoneis antarctica*)
 FOLVA, Donk.-T. M. S. I353p. I. 3f4; M. J. I35Ip. I4; R. E. D. p. 253;
 (Pleurosigma lanceolatum.) ---
 + GIGANTIA, Grun. I330p. 533-4fI2; Del. S. p. 333; *cl. Nav. p. 18-f6*; (Amphicampa.)
 " v. *Kjellmannii*, Grun.-Cl. I330p. 33; Del. S. p. 333; -(*a. gigantea*)
 GLA IALIS, Cl., Vega p. 477-53fI2; Del. S. p. 333; *cl. Nav. p. 16*; -(Amphitropis.)
 GREGORIANA, Grev.-T. M. S. I357p. I. If5I; Fortm. D. M. p. IS; Del. S. p. 343;
 HYALINA, Eul.-V. H. S. pl. 22fI7; Wollé pl. 2f7, 8; (Amphitropis.)
 INDICA, Grun. I330p. 570-4fI3; 5f2; Del. S. p. 330; -(*Tropidoneis lepidopt.*) -
 JOLISIANA, Grev.-Trans. Bot. S. Ed. I333p. 579-I5fII;
 Del. S. p. 340; (Auricula.)
 KARIANA, Grun.-Cl. I330p. 3I-4f32; Vega p. 473; Grun. I334p. 53;
 Del. S. p. 334; -(A. Kjellmannii, v.) (Amphitropis.)
 " v. *subtilis*, Grun. I334p. 53-If52, 53; Del. S. p. 334; -(A. Kjellmannii, v.)
 + KJELLMANNII, Cl. I330p. I5, 3I-4f33; Vega p. 477; *Oestrup I897p. 309*;
 Del. S. p. 334; *cl. Nav. p. 16*; (Amphitropis.)
 KRISTINA, Cl., Vega p. 477-53fII; Del. S. p. 333; *cl. Nav. p. 17*; *Oestrup I897p. 309*;
 KUTZINGIANA, Grev.-Trans. Bot. S. Ed. I333p. 577-I5f3; Del. S. p. 34I; *cl. Nav. p. 16*;
 KUTZINGII, Greg. D. C.: K. S. A. p. 93; Prit. p. 922; R. E. D. p. 253;
 DEL. Syll. p. 342;
 LATA, Grev.-Trans. Bot. S. Ed. I333p. 539-4fI4; Del. S. p. 337; *cl. Nav. p. 17-f5*.
 LATESTRIATA, Breb.-K, S, A, p. 93; Eiben, I37I; Grevillea I372p. 73;
 (Navic. convexa; -Scoliopleura; -Nitzschia bilobata, v.) --
 LEPIDA, Grev.-A. M. N. I335p. 5-5fIO; Del. S. p. 343; (Nitzschia.)
 LEPIDOPTERA, Greg. D. C. p. 33-4f59; T. M. S. I357p. 76-If39; Prit. p. 922; R.
 E. D. p. 254; Grun. I333p. I53; Carr. p. II4; M. & R. S. p. 7I; Hall; Dan. & R.
 p. 3-3f5; Cl. I333p. 230; I330p. 35; Vega p. 5I2; Sm. Sp. T. 23; Lagr. I373p.

+ decussata,

" v. septentrionalis, - (a. gigantea).

+ Dreseri, Cl. Nav. p. 15: - (a. gigantea), 19p. 146-9f 10, 11;

+ Elegans, (Tropidoneis) Jrnan 1885p. 53-4f 4;

+ gigantea,

" var. aequatorialis, Cl. Nav. p. 18: - (2. boia etc. - 7. ambo 2.)

" v. decussata, Gn. - Cl. Nav. p. 18:

" " septentrionalis, Gn. - Cl. Nav. p. 18: Oestrup 1897p. 309: mar. el. pel.

" " decussata, O.M. - Cl. Nav. p. 18: - (2. decussata pelagica).

" " tahitensis, Gn. - Cl. Nav. p. 18:

hyalina, Gm. - A.M.N.H. 1865p. 6-5f 11:

+ Kjellmanni,

" var. glacialis, Cl. Nav. p. 16: Oestrup 1897p. 309.

" v. Karriani, Gn. - Cl. Nav. p. 16:

" " subtilis, Gn. - Cl. Nav. p. 17:

" " subtilis, Gm. - Cl. Nav. p. 17: (a. Karriani)

- SI; V. I.S. 1.120-22f2,3; T.197; Shark River; Mobile; Parag.p.33; Det. S.p.323; Villef.p.55; Wolle pl.2f6; Truan 1335p.53-4f7; Reinhard; Malaisie; -(*Tropidoneis*; *Scoliotropis*, sp. - (A. Calimnetica; -Nav. Arctica.))--
- " v. pusilla, Gru.-V. I.S. 1.120; Det. S. p.323: (A. pusilla.)
- " v. Quarnerensis, Gru.-Cl. 1330p.65; Det. S. p.323: (A. Quar.)
- " v. Sarcensis, Gru.-Cl. 1330p.65; Det. S. p.329: (A. pusilla, var., & Sarcensis: *Tropidoneis* L. var.)
- LINEATA, Grev.-Trans. Bot. S. Ed. 1330p.540-11f19; Det. S. p.337 (Auricula.)
- > LONGA, Cl. 1373p.20-3f15; 1330p.64; Vega p.477; Nares: Det. S. p.330;
- > MARINA, W.S.-Eiben, 1871: -(Amphora.)
- MAXIMA, Greg. D.C. p.35-4f6I; Prit. p.922; Carr. p.113; Jan. & R. p.3-2f4; R.E.D. p.253; Cl. 1333p.230; Vega p.477; 1330p.65; Lens 2p.39, No.91; L. 1.1373p.5f; V. I.S. 1.120-22f4,5; Parag. p.33; Villef. p.55; Malaisie; Wolle pl.2f17, 13; Det. S. p.329; -(*Tropidoneis*; - (Amphora obtusa, 1. p.))
- " v. dubia, Gru. & Cl. -1330p.65-5f39; Vega p.477; Det. S. p.329: -(*Tropidoneis* m. v.)
- MEDITERRANEA, Gru. 1330p.569-5f3; R.E.D. p.255; V.H.S. pl.22f14; Malaisie; Parag. p.33: -(*Tropidoneis* vitrea, v. - *Plagiotropis*; - (A. plicata.))
- MEMBRANACEA, Cl. Java p.12-2f13; Det. S. p.333; -(*Tropidoneis*.)
- MEREGALLIANA, Grev.-Trans. Bot. S. Ed. 1333p.577-15f7; Det. S. p.341; Cl. Nav. p.17
- MINOR, Greg.-T.H.S. 1357p.75-1f33; Prit. p.922; Carr. p.113; R.E.D. p.255; Det. S. p.342:
- NAVICULARIS, E.-A. 1. p.122; T. 1.18.2-2f19; 3-3f3a-c; 3-1f10, 11a,b; 4-2f13; 5-1f10; 13-3f30; V.3.p.107; V.S.A. 1.93; Prit. p.923: (Navicula semen.)
- NEBEIS, Lewis.-I. & R. S. 1.34-1f6; Wolle pl.107f2; Det. S. p.333; (A. paludosa, v.)
- NITIDA, Grev.-Trans. Bot. S. Ed. 1333p.540-11f13; Det. S. p.337;
- NITZSCHIA, O'M.-M. J. 1371p.22-3f2; Heaw. 1371p.37; Det. S. p.339;
- NITZSCHIOIDES, Cl. 1373p.20-4f13; Nares; Deby Pold. p.10: (Nitzschia amphipora, Gru.)-
- OBLOMBA, Grev.-T.H.S. 1333p.20-1f15; Det. S. p.333; -(*Tropidoneis maxima*)
- OBTUSA, Greg. D.C. p.34-4f30; Prit. p.922; Carr. p.113; R.E.D. p.255; (Scoliotropis *Stamoptera* A. Schm. N.D. pl.31f; Cl. 1330p.63: (Nav. Arctica.))
- OBTUSATA, Gru.-Cl. 1330p.63; Det. Syll. p.333;
- ORNATA, Bailey M.O. p.38-2f15, 23; Prit. p.922; Sm. S. T. 24: V.H.S. p.121-22(2), f5; Lake Michigan; Wolle pls.2f12, 13; 43f21; Cl. 1391p.54; Det. S. p.335:
- PALUDOSA, S.B.D. Ip.44-3f239; Prit. p.922; Gru. 1330p.563; Schum. 1332, p.190-9f53; Carr. p.113; Eulst. Sp. T. 3; N. & R. S. p.66; Rabh. Alg. sub No. 592; Hill; Sm. S. T. 25; T. I.S. 1377p.6f, 137f30; Petit Class. f30; A.J.M. 1377p.101; V.H.S. p.121: T.No. 193; Cl. 1330p.62; Nares; Vega p.477; 1391p.54; Wolle pl.2f22, 23; Parag. p.34; Det. S. p.331; Dannf. p.34; Cl. Nav. p.14: Det. 1897p.309: -Amphicaria; -Amphitropis.)
- > " v. borealis, Gru.-Cl. 1330p.62-4f35; Vega p.477; Det. S. p.331; Cl. Nav. p.15:
- > " v. duplex, Donk.-V.H.S. p.121-22f15, 13; T. 413; Vega p.477: -(Amph. u.)
- > " v. hyperborea, Gru.-Cl. 1330p.62-5f33; Vega p.477; Det. Syll. p.332; Gru. 1334p.54-1f51; Cl. Nav. p.14-5f86:
- > " v. Pokornyana, Gru.-Cl. 1330p.63; Vega p.477; Det. S. p.332: -(A. Pok.)
- > " v. punctulata, Gru.-Cl. 1330p.62-4f34; Vega p.477; Det. S. p.332; Gru. 1334p.53-1f54; Cl. Nav. p.15:

+ longa, (Tropidoneis.)

marginata, Cl. Nav. p. 17-18:

+ paludosa, H.V. N.S. 22 f10: - (am. trop.: N.A. par.)

" var. aficana, Sn. - Cl. M. 196: Cl. Nav. p. 14:

> " " bahiensis, Cl. Nav. p. 14:

> " " dilatata, Pant. - Cl. Nav. p. 15:

+ " " duplex, Sn. K. - Cl. Nav. p. 15: - (v. l. l. l.) Oestrup 1897 p. 305:

> " " hyalina, Sn. - Cl. Nav. p. 15:

> " " hyperborea, f. m. m. Ta, Sn. - Cl. Nav. p. 14:

> " " maris, Linn. - Cl. Nav. p. 15: - (v. l. l. l.) Oestrup 1897 p. 305:

+ " " potomona, Cl. Nav. p. 15: Cl. M. #256:

> " " subalina, Cl. Nav. p. 14-15:

53--

cl. nar.?
p. 29:-)

cl. nav. }
p. 29. }

rugosa, J. M. S., 1878 p. 242-15 f 17: D. T. S. p. 17:

- CUSPIDATA, Jan.-Det.Syll.p.910:-(Triceratium.)
 CUSPIDATA, Bail.-B.J.N.H.133Ip.331-If2,3; Det.S.p.909:-(Tric.favis.)
 DISSIMILIS, Grun.-Det.S.p.910:-(Tric.)
 DUTERTREI, Pt.& Temp.-Det.S.p.907:-(Tric.)
 ELEGANS, Grev.-T.M.S.1333p.9-2f24; Wollé pl.64f35; Det.S.p.907:
 FAVOSA, Harv.& B.p.173-9f13; Prit.p.353; R.E.D.p.313;
 Det.S.p.905:-(Tric.)
 GEMMATA, E.-Abh.Ber.1353p.423; Det.S.p.907:
 GRAEFFIANA, Witt.-J.M.G.1373p.39,f2; Atlas 79f1,2; Det.S.p.903:
 Brun & T.p.33;
 GREVILLEI, DeToni Syll.p.906:-(A.parvula,Grev.)
 INCONSPICUA, Grev.-Det.S.p.905:-(Tric.)
 INGLORIA, Grev.-Det.S.p.902:-(Tric.)
 INTERMEDIA, Gro.& St.-Det.S.p.903:-(Tric.)
 JEREMIANA, A.S.-Det.S.p.910:-(Tric.)
 JUNCTA, A.S.-Det.S.p.909:-(Tric.)
 KUSNETZKIANUM, Pant.-Det.S.p.906:-(Tric.)
 LAMPRODICTYA, E.-Abh.Ber.1360p.322; Det.S.p.909:
 LANCEOLATA, Pant.-Det.Syll.p.903:-(Tric.)
 LATA, Grev.-Det.S.p.901:-(Tric.)
 LEPTOPIS, E.-Abh.Ber.133Ip.293; Det.S.p.909:
 MAMMILARIS, E.-Abh.Ber.1372pl.9f9; Det.S.p.909:
 MARGARITIFERA, Cl.-Det.S.p.901:-(Tric.)
 MINUTA, Grev.-T.M.S.133Ip.77-9f11; R.E.D.p.313; Atlantic City;
 Wollé pl.64f10; Det.S.p.904:-(Bidd.decepiens.)
 MORTIMERI, ?; Det.S.p.909:
 NOBILIS, Grev.-T.M.S.1335p.105-9f27: ~~OCULATA~~
 OCULATA, Grev.-Det.S.p.907:-(Tric.)
 ORNATA, Shadb.-T.M.S.1354p.13-1f10; Prit.p.353; R.E.D.p.313:
 Fortm.Cey.p.33; Wollé pl.103f4:
 (A.arisata; -Bidd.: -Tric.pentacrinus; -4-sided.)
 v.pentagona, Prit.p.353-3f13; S.G.1337p.272,f233:
 PARALLELA, E.-Abh.Ber.1340p.205; Kreid.p.33; K.B.p.35; K.S.A.p.134;
 E.M.pl.19f20a,b; Prit.p.353; R.E.D.p.313; Det.S.p.903:-(Tric.)
 PARVULA, Grev.-Trans.Bot.S.Ed.1333p.537-4f12; Jan.& R.p.4-1f4;
 R.E.D.p.313:-(A.Grevillei.)
 PERRYANA, Truan & W.-Det.Syll.p.907:-(Tric.)
 PETHOEI, Pant.-Det.S.p.903:-(Tric.)
 PRODUCTA, Grev.-T.M.S.1332p.94-9f11; R.E.D.p.313; Det.S.p.902:
 PULCHELLUM, Grun.-Det.S.p.909:-(Tric.)
 PULVILLUS, Castr.-Det.S.p.902:-(Tric.)
 PULVINAR, A.S.-Det.S.p.910:-(Tric.)
 PUNCTATA, Grev.-T.M.S.1332p.94-9f3; R.E.D.p.313; Det.S.p.901:
 (Tric.guttatum.)
 QUADRANGULARIS, Grev.-Det.S.p.904:-(Tric.)
 QUADRICORNIS, Grev.-Det.S.p.901:-(Tric.)
 QUADRINOTATUM, A.S.-Det.S.p.910:-(Tric.)
 RADIATA, Grev.-T.M.S.1332p.23-3f7; R.E.D.p.313; Det.S.p.904:
 RECTANGULARIS, Gro.& St.-Det.Syll.p.903:-(Tric.)
 RIVALE, A.S.-Det.S.p.910:-(Tric.)

Atlas 26 f 40 = *A. ovum*, Cl. — Atlas 27 f 9 = *A. proteus*, v. *Contigius*, (—)

" 26 f 111 = *A. ovalis*, v. *Libyca*; — " 39 f 27 = *A. Egrigia*; —

" 25 f 76, 77 = *A. bigibba*; — " 27 f 51 = *A. Schmittii*; —

" 25 f 85, 86 = *A. stauraphora*. — " 25 f 5 = *A. unguata*, var. *Eul.* —

" 25 f 4 = *A. Magellanica*. — " 39 f 13 = *A. milleriana*;

—, vill. f. p. 40-3 f 26: — (*A. Peragalli*, Cl.)

acuta, Gg. — (*A. nobilis*, Gg.)

" var. *arcuata*, A.S.; Cl. Nov. 2 p. 128: — (*A. arcuata*.)

" " *labyrinthica*, Gm., Cl. Nov. 2 p. 128: — (^{4 f 13} *A. m. laby.*)

AMPHITETRAS.---

- SIDEREUM, A.S.-DeT.Sy71.p.910:-(Triceratium.)
 STURTHII, Pant.-DeT.S.p.903:-(Tric.)
 SUBCORNUTUM, Grun.-DeT.S.p.909:-(Tric.)
 SUBROTUNDATA, Jan.-DeT.S.p.909:-(Tric.)
 TESSELATA, Shadb.-T.M.S.1354p.13-1f11: DeT.Syll.p.906:
 (A.antediluviana.)
 TETRAGONA, Pant.-DeT.S.p.903:-(Tric.)
 UNGUICULATA, Grev.-DeT.S.p.904:-(Tric.)
 VERSICOLOR, Brun.-DeT.S.p.910:-(Tric.)
 WILKESII, Bailey & A,p.174-9f1,2: Bailey Coll.: DeT.S.p.906:
 (Tric.Arcticum.)
 ZONATULATA, Grev.-DeT.Syll.p.900:-(Triceratium.)

AMPHITRITE.-(Cl., 1878)-

- COMPLEXA, Greg.-Cleve 1373p.19:- (Amphiprora.)

AMPHITROPIS.-(Pfitz., 1862)-

- , Pfitzer p.94:
 ALATA, Grun.-*in v. 1865, + cl. 1866* (Amphiprora.)
 CONSPICUA, Grun.-
 DECUSSATA, Grun.-
 DUPLEX, Grun.-V.H.S.
 GLACIALIS, Cleve.-
 KARIANA, Cl.-
 KOJELLMANNI, Cl.-
 HYALINA, Grun.-
 ORNATA, Grun.-
 PALUDOSA, Pfitzer p.94; Cl. & M.No.256; *disposita*
 PULCHRA, Grun.-
 STRIOLATA, Grun.-(*in cl. 1865*) (Amphiprora.)

AMPHORA.-----(*Ehr., 1838*)-

- Meneg.A.N.D.p.423: A.M.N.H.1356p.1:
 --, Pfitzer p.34-3f9:-(*A.ovalis*) Tanarek p.43:
 --, B.S.B.1379p.5, 1f-3: Jan.Gaz.pl.22f4-7, 43, 44, 49:
 --, Villef.p.40-3f26:-- *cl. 1865* --, DeLongi Oss.Bac.p.399:
 --, A.S.Atlas 25f4, 5, 12, 16, 21, 26, 39, 50, 53, 54, 73, 77, 84-85: *cl. 1865*
 26f4, 11, 12, 25, 34, 40, 43, 54, 59, 70, 71, 93-96, 102:
 27f4, 9, 10, 19, 34, 42, 43, 45, 50, 51, 53, 56, 59-62, 64:
 28f21-23, 28: 39f13, 14, 21, 22, 27:
 40f24, 34: *Cl. Nov. 2p. 99:*
 ABBREVIATA, Bleisch.-Rabh.Alg.No.1439; Lens Vol.1, p.31:
 (A.ovalis, v.: -A.affinis, K.)
 ACUTA, Greg.D.C.p.52-5f93; 6f93b: Prit.p.331; Carr.p.101; R.E.D.p.
 33: Cl.1333p.237; 1373p.22; Vega p.431; Petit Cat.p.13; *Elgel*,
 Baltic; Lagr.1373p.54; Lens 11.31-3f, No.51; Atlas 26f19, 20;
 Fortm.Cey.p.15; Villef.p.41; Malaisie; DeT.Syll.p.331: *Cl. Nov. 2p. 128*
 " v.neogena, Pant.2p.35; 3p.2. -12f137: DeT.Syll.p.331: *Cl. Nov. 2p. 128*
Cl. Nov. 2p. 128; Oestrup 1897 p. 326:

+ *acutiuscula*, v. *constricta*, Gn. - Cl. Nav. 2p. 121: - {*a. lineata*, v.
" var. *subconstricta*, Gn. - Cl. Nav. 2p. 121: - {*a. lineata*, v.

aestuarii, Cl. - Le D. vol. 2p. 146-9 figs. 11; Nav. 2p. 118;

Alata, var. *aptera*, Cl. Nav. 2p. 115:

" var. *major*, Cl. Nav. 2p. 115:

amphitritis, Burq. Herb.; Det. S. p. 346: - (*auricula a.*)

> *andesitica*, Punt. 3pl. 13 figs. 205: Cl. Nav. 2p. 141:

angusta, - (*a. Eul. v. Foss.*; - *Cymbella marina*;

" forma minor, A.S. Atlas 26 figs. 64-66; - (*a. cymbelloides*); -

" v. *oblongella*, Gn. - Cl. Nav. 2p. 135:

(*a. oblongella*:-

a. ang. v. Arctica; *a. exigua*, p.p.:- *a. lanceolata*, v. minor.)

" v. *Eulenskeimii*, Gn. - Cl. Nav. 2p. 135: - (*Am. Eul.*) - Atlas 2, figs. 53.

" v. *diducta*, A.S. - Cl. Nav. 2p. 135: - (*am. dis.*; - *a. cymbelloides v. latior.*)

" v. *ventricosa*, Gg. - Cl. Nav. 2p. 135: - (*a. ventric. lanceolata*;

cum icones;

Cymbella criophila marina,

" v. *incurvata*, Bn. - Cl. Nav. 2p. 136: - (*a. lanc. var. inc.*)

" v. *zebrina*, A.S. - Cl. Nav. 2p. 136: - (*am. Heb.*)

" v. *glaberrima*, Gn. - Atlas 26 figs. 61, 62: - (*a. cymbelloides*).

> *antiqua*, Cl. Nav. 2p. 139:

> *areolata*, Punt. 2p. 35-4 figs. 70: - (*A. Szabov.*)

+ *arcus*, Gg. - Cl. Nav. 2p. 127-4 figs. 4:

" v. *sutcata*, A.S. Atlas 26 figs. 46, 47: [*a. sutcata*] Cl. Nav. 2p. 127:

arimaria, V.H.S. #13:

" v. *Donkinii*, Rab. - Cl. Nav. 2p. 133: - (*a. Donk.*).

" v. *P. Thomsii*, Cl. Nav. 2p. 133: - (*a. Ratt.*) -

- > arenicola, Gn. - Cl. Nav. 2p. 104-4f 19, 20:
 (a. marina, Prt.:-
- " var. major, Cl. Nav. 2p. 104:- (a. robusta, p.p. & Lima.)
- " " ovalata, Cl. Nav. 2p. 104-4f 21:
- " " subaequalis, Cl. Nav. 2p. 104-4f 22:
- > astuarii, Cl. - Led. 2 n. 19p. 146-9f 12, 13:-

> baillaris, v. Sestica Cl. Nm. #310:- (am. bac.)-

> B. chringensis, Cl., Nav. 2p. 102-3f 34, 35:

> biquiblosa, Cl. Nav. 2p. 133: Atlas 46f 14:

+ binodis, Cl. Nav. 2p. 124:

> Bivoculata, Cl. Nav. 2p. 114-3f 36-38:

> Budayana, Pant. 3pl. 23f 336: Cl. Nav. 2p. 141:

> bullata, Cl. Nav. 2p. 119:

> Bul. luimii, Red. alg. Eur. #1934 (1866):- (a. lineolata, E.)

- AREOLATA, Grun.-Atlas 39f23; Wollé pl.4f15; Det.Syll.p.393; *Cl. Nav. 2p.114*;
 v.maxima, Grun.-Led.No.II,p.153-22f1-4; *Cl. Nav. 2p.115*;
 ARGUS, Pant.3p1. -22f329; *Cl. Nav. 2p.141*;
 ASPERA, Petit Cat.p.19-4f9; J.R.M.S.1373p.240-14f9; Det.Syll.p.391;
 ATOMUS, K.B.p.103-30f70; Prit.p.335; Lens I p.33, No.30: Det.S.p.413;
 (Frust.pelliculosa; -Navic.a. & semilunum: -Syneura.)
 BACILLARIS, Greg.D.C.p.55-3f100; Prit.p.335; Carr.p.103; R.E.D.p.95;
 Flogel, Baltic; Lens I p.33, 3f15a,b; Det.S.p.409; *Cl. Nav. 2p.117-4-40,41*;
 BALEARICA, Cl.-Cl.& M.No.154: (A.sulcata.)
 BALTICA, Grun.-Cl.& M.No.172: (A.arctica.)
 BECCARI, DeNotaris, Erbar.Critt.Ital.No.333; Notar.1333p.135;
 Det.Syll.p.413; *Cl. Nav. 2p.141*;
 BELGICA, Grun.-V.H.T.No.74 sub: (A.ostrearia, v.)
 BERGGRENI, Cl.-N.L.K.D.p.14-1f3; Cl.& M.90: Sm.Sp.T.310;
 Det.S.p.403; *Cl. Nav. 2p.134*;
 BICONVEXA, Jan.-Atlas 25f33; Fortm.Cey.p.13; Det.S.p.392;
 BIGIBBA, Grun.-Atlas 25f33, 37, 39-75; Petit Cat.p.17; Malaisie;
 Fortm.Cey.p.14; Cl.1373p.10: Wollé pl.4f7, 3; Det.S.p.392;
 BINODIS, Greg.D.C.p.33-4f37; Prit.p.331; Grun.1333p.7: Carr.p.100;
 R.E.D.p.33: Sm.Sp.T.32; Lens I p.71-1f3; Fortm.Cey.p.15: Det.S.p.331:-
 v.interrupta, A.S., Atlas 25f35; Wollé pl.9f9; *Cl. Nav. 2p.115*;
 BISERIATA, Greg.-T.M.S.1357p.71-1f32; Prit.p.335; Carr.p.103;
 R.E.D.p.95: Lens I, No.27p.74-2f3; Det.S.p.379: (A.crassa.)
 BISTRIATA, Fortm.Cey.p.20-1f12; Atlas 23f21; Det.S.p.403;
 BITUMINOSA, Pant.2p.35-1f1; 2f23; Det.S.p.401; *Cl. Nav. 2p.113*;
 BOREALIS, K.B.p.103-3f13; V.S.A.p.95: R.S.D.p.31-9f12; Breb.D.C.p.13;
 Prit.p.334; Schum.H.T.p.35: 1364p.23-2f31; Lens I No.37, p.35-3f13;
 V.H.S.pl.1f20: - (A.salina, v., & coffaeiformis.)
 BORYANA, Pant.3p1. -33f531; - (A.mexicana, var.)
 BRIOCENSIS, Petit.-Ann.Mic.Soc.Belg.1373p.35 cum icone: Fortm.D.M.
 p.3; Det.S.p.415;
 BULLOSA, Fior.-Maz.-Atti Novi L.1361, session 2, Gen.5; Atti Soc.
 Crit.Ital.1379p.103; Det.S.p.413; *Cl. Nav. 2p.114* (Collettonera.)
 v.lineolata, H.L.Sm.Sp.T.No.311: (A.Coff.) (Amphora l., Ehr.)
 CAMELUS, Cl.& Gro.-Led.No.II,p.153-22f9-12; *Cl. Nav. 2p.117*;
 CAPENSIS, A.S., Atlas 25f49, 50; Det.S.p.334; *Cl. Nav. 2p.117*;
 CARINATA, E.-Abh.Ber.1340p.10: K.B.p.103; V.S.A.p.95: Prit.p.335;
 R.E.D.p.95; Lens I p.33, No.31; Det.S.p.417;
 CASTRACANEI, DeToni Sylloge p.379: - (A.stenophora, Castr.)
 CEYLANENSIS, Fortm.Cey.p.21-1f13; Det.S.p.373;
 CHINENSIS, A.S., Atlas 26f41, 42; Det.S.p.397: - (A.lineolata, v.)
 CINGULATA, Cl.1373p.9-3f15; J.M.1379p.29-2f15: Atlas 26f17;
 J.Q.C.1333p.322; Wollé pl.4f27; Pant.2p.35; Det.S.p.333; *Cl. Nav. 2p.117*;
 CLARA, A.S., Atlas 25f20; Fortm.Cey.p.17; Det.S.p.393;
 CLEVEI, A.S., Atlas 25f43-43; Cl.1373p.9; Wollé pl.4f21: Mobile;
 Det.S.p.393; *Cl. Nav. 2p.140*;
 COARCTA, Fortm.Cey.p.22-2f13; Det.Syll.p.414; *Cl. Nav. 2p.117*;
 COFFAEFORMIS, K.B.p.103-5f37; V.S.A.p.94: R.S.D.p.31-9f15, 3: Weiss;
 1330p.359, 361-3f23; ZHH; Prit.p.332; R.E.D.p.39; Sm.Sp.T.31; Atlas
 26f53-53, 93; Gallia, Papan; Lens I, No.53p.32-3f57; Fortm.Cey.p.17: -----

- + Coffaciformis, Ag. - (A. Taylor, Neupaueri, apertina) -
 " Bohscow Reiss. d.p. 129-13, f8: -
 " var. borealis, K. - Cl. Nav. 2p. 121: - (A. salina, var. β , minor) -
 " " angularis, v.H. - Cl. Nav. 2p. 121: - (A. ang.: - ^{angularis, v. lyrata: a...} ^{bullosa, v. lineolata: a...} -
 " " fossilis, Pt. - Cl. Nav. 2p. 121: - (A. salina, v. foss.) -
 " " hungarica, Cl. - Nav. 2p. 121: - (A. acutiuscula, v. foss.) -
 " " protracta, Pt. - Cl. Nav. 2p. 121: - (Am pro.) -
 " " perpusilla, Gn. - Cl. Nav. 2p. 120: - (A. perp. p.p.) -

+ comorensis, Cl. Nav. 2p. 111

- + commutata, Gn. - (A. pellucida, pp. - a. robusta & var., p.p. -
 " var. fossilis, Pt. - Cl. Nav. 2p. 120: - (A. foss. & curvata) -

contracta -

- " var., Gn. - J.Q.C. 1887 p. 131-10 f4: - (A. Sturte.)

+ costata, Oestrup 1897 p. 325: Oest. mar. D.p. 410-3 f6:

- + crassa, Gg. - Cl. Nav. 2p. 109: Floyel Balt. p. 90, f11: Atlas
 39 f30, 31: - 28 f30-33;
 (A. crassa, vars.; - a. biseriata - sulcata, p.p., Haitiana) -
 " v. elongata, Cl. Nav. 2p. 109:
 " v. interlineata, Gro. St. - Cl. Nav. 2p. 109: - (Am. int.)
 " v. Solswigiensis, Pet. cr. Nav. 2p. 109: - (A. Sols.) -
 " v. modesta, Cl. Nav. 2p. 109: Atlas 28 f23:
 " v. Euprepes, Pt. - Cl. Nav. 2p. 109: - (Am. Eup.)
 " v. degenerata, Cl. Nav. 2p. 109: -
 " v. Seychellensis, Cl. Nav. 2p. 110:
 " v. spuria, Cl. Nav. 2p. 110: Atlas 28 f21:
cruciata, Oestrup 1897 p. 325-2 f6:
 + cuneata, Cl. Nav. 2p. 116-3 f23-25: (A. decora - lyrata, p.p.)

Lanzi 1373p.3; Ostia p.23; Italy; Cl.Vega p.46I; Pant.2p.33; Del.
Syll.p.389; Wolle pls.4fII, 19,20; 9fI; *Cl. Nav. 2p.110* - (A. *navis* p.2)
Oestrup 1897p.325: (A. *salina* & *racilis*; -*tristitia*; -*Nav. quadricecostata*.)
var. "b" *Fischeri*, K.B.p.103-5f33; K.S.A.p.94; Weiss 1330p.1.1f23;
R.E.D.p.39; Italy: Del.S.p.339:

(A. *coffaeformis* & *Fischeri*.)

v. *acutiuscula*, K.-Rabh.E.D.p.39; Italy: (Amphora a.)

v. *exigua*, Greg.-R.E.D.p.39; Del.S.p.339: (Amph. h.e.)

+ v. *fossilis*, Pant.2p.33-4f39; Del.S.p.390: - (A. *fossilis*)

v. *lineata*, Greg.-R.E.D.p.39; Italy: (Amphora l.)

v. *salinarum*, Grun.1382p.143; Pant.2p.33; :-(A. *acutiuscula*)

+ COMMUTATA, Grun.-V.1.S.p.53-1f14; T.No.7; Italy; Cl.1391p.53; Pant.
p.53; Del.S.p.402: *Cl. Nav. 2p.119*: (A. *affinis*, w.S.)

> forma proboscidea, Greg.-Del.Syll.p.403:

COMPLANATA, Grun.-Hedw.Vol.3p.25; Atlas 26f45; Sm.Sp.1.3f12: -(Navicula.)

COMPLEXA, Greg.D.C.p.51-5f90; R.E.D.p.93; Cl.1373p.2I; Vega p.432:

Sm.Sp.1.3f13; Malaisie:

(Amphoropsis; -A. *Grevilleana*, var.: -A. *fasciata*, Grev.)

COMPOSITA, Jan.Gaz.pl.22f23,29; Atlas 26f44; Del.S.p.397:

CONSERIA, Grun.-Hedw.1367p.22; Lens 1 p.33, No.32;

Del.Syll.p.416: (Amphipora.)

CONSTRICTA, w.S.-Carruthers p.101: -(Amphipora.)

+ CONTRACTA, Grun.-Atlas 25f54-57,52; Fortm.Cey.p.15; Wolle pl.9f2I;

Del.S.p.335:

> *Corinata*, E. Monb. 784 op.10: 16B. p.108:

CORPULENTA, Cl. & Grun.-Led.Vol.2p.33-10f14;

COSTATA, Greg.D.C.p.55-3f99; S.B.D. 1p.20-30f253; Prit.p.332; Blab.

+ Verm.p.10; Carr.p.101; Hull; Petit, Mirou; Italy; Lagr.1373p.54; R.

E.D.p.9I; Lens, No.55, p.33-3f23; Pant.p.53; Villef.p.40; Malaisie;

Wolle pl.9f3: (A. *minutiformis*) (A. *erebi*.)

CRASSA, Greg.D.C.p.52-3f94; T.W.S.1357p.72-1f55; Prit.p.334; Carr.p.

103; Hull; R.E.D.p.95; Cl.1367p.367; 1363p.237; Vega p.462, 510;

Sm.Sp.1.32; Lens, No.3, p.75-2f5; Petit Cat.p.17; Lagr.1373p.52; Italy:

Fortm.Cey.p.16; Bran & T.p.36; Villef.p.4I; Malaisie; Pant.2p.33;

Wolle pl.4f36,37; Del.S.p.406; Oestrup 1897p.324:

v. *Campeachiana*, A.S., Atlas 23f16; *Cl. Nav. 2p.109*:

v. *minor*, Pant.2p.33-3f5I; Del.S.p.407; *Cl. Nav. 2p.110*:

v. *punctata*, A.S., Atlas 23f30-33; Fortm.Cey.p.16; Villef.p.4I;

Pant.1p.5/-3f46; 2p.36; Malaisie; - (A. *minutiformis*)

vars., Jan.Gaz.pl.22f22,23,30,3I,33,34,35: Petit Cat.p.17;

Atlas 23f12,17-20; Fortm.Cey.p.16;

Lens Vol.2p.234;

Lagr.1373p.52:

Villef.p.4I;

J.Q.C.1336p.522:

> CRISTATA, Petit Cat.p.13-4f3; J.R.T.S.1373p.240-14f3; Del.S.p.391:

CRYSTALLINA, E.-Abh.Ber.1340p.10; K.B.p.103; K.S.A.p.95; Prit.p.335:

R.E.D.p.96; Lens, No.63, p.33-3f37; Del.S.p.417;

CUNEATA, Cl.-Atlas 39f29; Jan.Gaz.pl.22f32; Del.S.p.397:

CURVATA, Pant.2p.33-1fII: -(A. *commutata*, var. *fossilis*.)

CYCLOPS, Fortm.Cey.p.22-3f32; Del.Syll.p.405; -(A. *altura*, v. *ce*.)

+ cymbelloides, Gn. - Cl. Nav. 2p. 136: -
(a. angusta, var. minuta + glaberrima.)

> cymbiformis, Cl. Nav. 2p. 136: Atlas 25f9:

> decipiens, Cl. Nav. 2p. 108-4f/6-18:

> decussata, var. bricensis, Fort. Cl. Nav. 2p. 129-4f 11:

> delphinea, v. minor, Cl. Nav. 2p. 134:

" var. janalinensis, Cl. & Gn. - Cl. Nav. 2p. 134: - (a. ocellata, var. J.)

> diaphana, Cl. Nav. 2p. 112-4f 27:

Egrecia, A. Exornata, bistrata + zebra + neogradensis.)

- CYMBELLOIDES, Grun.-Hedw. Vol. 3p. 24; Atlas 25f10, 14; Petit, Nimba;
 Lens, p. 37, No. 71; Vega pl. 493, 505; Det. S. p. 399; (Synecelia salpa.)
 v. latior, Grun.-Atlas 25f3; -(A. angustata, n. did.)
 v. Mauritania, Grun.-Hedw. 1867p. 25; Det. Syll. p. 399; (A. angustata, n. did.)
 CYMBIFERA, Greg. D. C. p. 54-5f97; Prit. p. 332-7f54; Carr. p. 101; Reinhard;
 R. E. D. p. 90; Cl. 1867p. 663; 1873p. 21; Nares; Vega pp. 493, 510; Lens, No.
 63, p. 35-3f23; Danf. p. 19; Petit Cat. p. 19; Lag. 1873p. 54; Pet. Nimba;
 Atlas 25f17-19; 25f33; Fortm. Cey. p. 17; Villef. p. 41; Shark River;
 Malaisie; Wolle pl. 4f10, 17, 18;
 vars., Jan. Gaz. pl. 22f11, 12; Atlas 25f32-33; Fortm. Cey. p. 13;
 CYMBIFORMIS, E.-Mg. pl. 13-1f43; Prit. p. 335; R. E. D. p. 96; Lens, No. 33, p.
 33; (Cymbella.)
 CZEKENHANSII, Pant. 2p. 36-1f6; Det. S. p. 392; CC. Nov. 2p. 1-11
 DEBYI, Fortm.-Ann. Bot. Buit. 1892p. 10-1f4; -(A. Graeffii)
 DECIPIENS, Grun.-V. R. S. pl. 22(2), f12; Det. S. p. 343;
 (Amphipora plicata; -Amphoropsis; -Auricular.)
 DECORA, Castr. 1887p. 13-27f14; Notar. 1889p. 681; Det. S. p. 415; -(A. angustata)
 DECUSSATA, Grun.-Hedw. Vol. 3p. 23; M. M. J. 1877p. 1. 195f19; Lens, Vol. 2,
 p. 73, No. 20; Det. S. p. 373; CC. Nov. 2p. 128-129; (A. stationiformis.)
 DELPHINA, Bailey.-B. J. N. 1. 1862p. 330-1f1; Amazon; Atlas 40f25-27;
 Lens, No. 22p. 73-1f13; Wolle pl. 4f23, 24; Det. Syll. p. 334; (A. angustata)
 DIDUCTA, A. S., Atlas 25f13; Det. S. p. 402; -(A. angustata)
 DIGITUS, A. S., Atlas 26f30; Det. S. p. 392;
 Led. Vol. 2p. 67-10f11-13; CC. Nov. 2p. 102-4f5, 6; (Nav. retusa: P.)
 DIVISA, Fortm. Cey. p. 22-1f15;
 DONVINII, Rabl. E. D. p. 96; Lens, p. 79-3f5, No. 49; -(A. lineolata, Donk.)
 DORSALIS, Cl. & Gro.-Led. No. II, p. 153-22f13-15; CC. Nov. 2p. 137; (A. inulata.)
 DUBIA, Greg. D. C. p. 42-5f76; Prit. p. 334; Carr. p. 102; Atlas 27f20-22;
 Floegel, Baltic; Lens, p. 30, No. 42; Wolle pl. 4f25, 26; CC. Nov. 2p. 102-4f5, 6;
 (A. marina & spectabilis.)
 EATONIANA, O'M.-M. J. 1874p. 259-3f7; Det. S. p. 413;
 EGREGIA, E.-Abh. Ber. 1841p. 294; 1872p. 1. 2f20; Atlas 23f12-15, 18; 2
 Fortm. Cey. p. 15; Wolle pls. 3f20, 21; 4f1; Det. S. p. 409; CC. Nov. 2p. 139;
 ELEGANS, Greg.-L. M. S. 1857p. 70-1f30; Prit. p. 334; Carr. p. 101; CC. Nov. 2p. 139;
 R. E. D. p. 88; Lens, p. 73-1f7, No. 19; Det. S. p. 381; -(A. thwaitiana, P.) - Pl. 73 # 1, 12
 ELEGANS, Peragallo.-Led. No. 15p. 56-3f19;
 ELLIPTICA, K. B. p. 103-5f31; K. S. A. p. 94; Prit. p. 334; R. E. D. p. 94; Lens,
 Vol. I, pp. 30, 94; Eiben, 1871; Det. S. p. 404; -(A. nana; -Fristulia; -Cymbella)
 ELONGATA, Greg. D. C. p. 49-5f34; Prit. p. 334; Carr. p. 102; Lens, p. 73-2f3,
 No. 30; Breb. Verm. p. 10; Det. S. p. 414; (A. sulcata, n.)
 EREBI, E.-Abh. Ber. 1853p. 523; Mg. pl. 35A-23f2; Prit. p. 335; R. E. D. p. 96;
 Cl. Vega p. 462; Fortm. Cey. p. 13; Lens p. 72, No. 33; Perag. p. 56;
 Det. Syll. p. 337; (A. eremum)
 forma cymbifera, Greg.-Det. Syll. p. 337; -(A. cymb., p. p.)
 ERGADENSIS, Greg. D. C. p. 40-4f71; Prit. p. 332; Carr. p. 101; R. E. D. p. 91;
 Cl. 1868p. 237; Petit Nimba; Lens Vol. 2p. 35-3f33, No. 34; Perag. p. 54;
 Det. Syll. p. 337; -(A. macilenta, n.)
 EULENSTEINII, Grun.-Atlas 25f1-3; Jan. Gaz. pl. 22f50-54; Petit Cat. p.
 13; Fortm. Cey. p. 14; Wolle pl. 4f22; Det. S. p. 401;

+ Eurata, Cl. Nav. 2p. 122-4f2, 3: (a. cymbifera + var.) -
Oestrup 1897p. 325:

+ Exsecta, Gr. - Cl. Nav. 2p. 116-3f26-29: - (a. milesiana;
a. Kamorthensis, minor) -

+ fas

+ gimbriata, Cl. Gro. - Cl. Nav. 2p. 139:

+ formosa, v. minuta, Cl. Nav. 2p. 138:

+ fusca, a.s. - (a. gigantea, var. f.) -

+ gemmifera, Cl. Nav. 2p. 114:

+ gigantea

" var. fusca, a.s. - Cl. Nav. 2p. 106: - (a. fusca.)

" " obscura, Cl. Nav. 2p. 106 + 4f28, 29: Atlas 28f20:

" " " formaminor, Cl. Nav. 2p. 106: Atlas 40f28, 29:

gracilis

forma parva V.H.S. 1f3:

- var., A.S., Atlas 40f35-37;
 v. fossilis, Pant. 2p.36-If3; 3f49; - (*A. angusta*)
 EUNOTIA, Cleve 1373p.21-3f17; Nares; Vega p.462; Det. Syll. p.399: +
 EUNOTIAEFORMIS, Gr. - Jan. Gaz. pl.22f3; Atlas 39f5; Det. Syll. p.397.
 EUPREPES, Part. I. p.21-14f123; Det. S. p.406: (A. crassa.) --
 EXCISA, Greg. D.C. p.49-5f35; Prit. p.334; Carr. p.103; R.E.D. p.96:
 Flogel, Baltic: Atlas 39f3; Lens Vol.2, No.26, p.75-2f14; Shark River:
 Brun & T. p.63; Woll. pl.373;
 EXIGUA, Greg. D.C. p.42-4f75; Prit. p.332; Carr. p.101: Malaisie;
 Lens Vol.2, No.60, p.34-3f30: *Cl. Jan. 2p.122* (A. coffaeiformis, v.) -
 EXORNATA, Jan. Gaz. pl.22f56, 57; Atlas 39f27; Cl. 1373p.9: Malaisie:
 Det. Syll. p.410: (*A. angusta*)
 + EXSECTA, Gr. - Atlas 27f54, 55; 39f4; Woll. pl.3f15; Det. S. p.397:
 FALLAX, Brun & T. p.14-7f13; Det. Syll. p.417; - (*A. angusta*, v.)
 FARCIMEN, Gr. - Atlas 27f57; Woll. pl.4f2: Det. S. p.413; - (*A. angusta*, v.)
 FASCIATA, E. - Abh. Ber. 1340p.11: K.B. p.103; K.S.A. p.95; Prit. p.335;
 Lens Vol.2p.33, sub No.7 - A. Hohenackeri: ----- Greg. D.C. p.51-5f91:
 Carr. p.102; R.E.D. p.96; Cl. Vega p.462; 1373p.21; Villef. p.41;
 Lens Vol.2p.77, No.32 sub; Malaisie: - (A. complexa & Grevilleana.) -
 FISCHERI, Rabh. S.D. p.31-9f7; Lens Vol.2p.82, sub No.55 - A. coffaeiformis,
 var.: ----- Neupauer Asatag. pl.2f32: - (A. striolata, Pant.)
 FLEXUOSA, Grev. - Trans. Bot. Soc. Ed. 1363p.575-15f4; Atlas 25f32; Lens, Vol
 2, p.70-1f5; Woll. pls.9f10; 112f12; Det. S. p.373: - (*A. angusta*, v.)
 FLUMINENSIS, Gr. - 1363p.143-13f15; R.E.D. p.90; Atlas 25f24; Italy:
 Lens Vol.2, No.84 p.61-3f25: Malaisie; Det. S. p.333:
 FORMOSA, Jan. Gaz. pl.22f2, 3; Atlas 27f53; 23f6, 34; 39f2; Fortm. Cey. p.,
 + 21-2f16; Woll. pl.4f33, 34; Det. S. p.397; *Atlas 39f2; Cl. Jan. 2p.138*: 2f16
 FOSSILIS, Pantoc. 2p.36; Det. Syll. p.416; - (*A. angusta*, v.)
 FURCATA, Fortm. Cey. p.20-1f11; Cl. Vega p.493, 510; Det. S. p.402;
 J.Q.C. 1337p.72: (A. spectabilis.) ----
 FUSCA, A.S., Atlas 27f63; Fortm. Cey. p.19; Woll. pl.9f7; Det. S. p.410:
 GIBBA, A.S., Atlas 39f32; Woll. pl.9f13; Det. S. p.413; *Cl. Jan. 2p.138*: 9f13
 + GEMMIFERA, Petit, Cap Horn p.120-10f13; Notar. 1333p.611; Det. S. p.337:
 GIGANTEA, Gr. - Atlas 27f46, 46x, 67: Woll. pl.9f20; Malaisie;
 Pant. 2p.36; Det. Syll. p.409: *Cl. Jan. 2p.105*
 v. Andesitica, Pant. 2p.36; 3p. - 17f243; - (*A. angusta*) -
 GIGAS, E. - Mg. pl.6-2f13; Abh. Ber. 1370p.12-1f69; Prit. p.335; R.E.D. p.
 96; Lens Vol.2p.73, 30, sin Nos.22, 45; Woll. pl.5f4; Det. S. p.419:
 (A. ovalis.)
 GLOBOSA, Schum. 1367p.55-1f24; Det. Syll. p.400: - (A. ovalis, var. "d"); -
 GLOBULOSA, Schum. 1367p.55-1f25: Atlas 26f100: Lens Vol.2, p.60,
 No.45-2f19: Gallik, Papan; Det. S. p.400: - (A. ovalis.) -
 v. perpusilla, Gr. - V.H.S. pl.1f11: - (*A. perpusilla*) -
 GRACILIS, E. - Amer. pl.3-1f43; Abh. Ber. 1341p.410; M. pl.37-3f1; K.B. p.
 103-29f29; K.S.A. p.94; R.S.D. p.31-9f2; Amazon; Prit. p.334-12f26; R.
 E.D. p.94; Schum. 1362p.133-3f57; H.T. p.65; R. Al. Nos.566, 741b; Lens
 Vol.2 No.73, p.87-3f35; Atlas 27f97, 101; Italy: Perag.
 pp.56, 63; Gallik, Papan; (A. ovalis, "b".)
 var. "b", angusta, E. - Abh. Ber. 1345p.360; K.S.A. p.94; R.E.D. p.94:
 Atlas 25f9: (A. angusta.) --

+ Graeffii, Cl. Nav. 2p. 113: Atlas 28f5 (a. trunc.): - (A. Deligny)

" var. Stenophora, Cl. Nav. 2p. 113:

> Granulifera, Cl. Nav. 2p. 116 - 3f32-33: vide Cl. Nm. #147:

+ Grevilleana, Gg. - (a. fulcata, p.p.; - Graeffii, Gn. in At.; - A. sepulchra &
Sumatrensis:-

" var. Contracta, Cl. Nav. 2p. 113: Atlas 4 of 33:

> Greenlandica, Cl. Nav. 2p. 128-4f1: Oestum 1897p. 326:

+ Grundleri,

" var. approximata, Cl. Nav. 2p. 112:

" " robusta, Cl. Nav. 2p. 112:

> Grunowii, a.s. Atlas probet. f15: Cl. Nav. 2p. 123:

+ Hoeheneckeri, (A. veneta)

+ humicola, v. calderiorum, Gn. - Cl. Nm. #191 sub; - (A. Normani.)

+ Hyalina, K. -

> " v. parvula, Gn. - Rabh. Alg. Eur. #1722: Cl. Nav. 2p. 119:
(A. veneta.) -

> inlegans, var. polita, Cl. Nav. 2p. 111-4f40:

> incorporata, Cl. Nav. 2p. 110-4f35-38:

(A. Śāstrīya, v.)

+ intersecta,
> " var. Sarmatica, Pf. - cl. Nov. 2 p. 124: - (Am. Sar.)

> juvenalis, Pant. 3 pl. 13 f 149: - (a. acutiuscula.)

Ramorthensis, v. minor, - (a. exusta.) -

+ laevis, (cf. a. nobilis). -

" v. laevissima, Gg. - Cl. Nov. 2 p. 130: - (a. laevis.) -

" v. minuta, Cl. Nov. 2 p. 130: (a. laevis, Sm. #615?) -

" v. perminuta, Gm. - Cl. Nov. 2 p. 130: - (a. laevis, v. perm.) -

Lagerheimii, cl. - Sed. 2, No. 17 p. 99-752: Cl. Nov. 2 p. 118;

Linna, a.s. Atlas Probetaf. f 14: - (a. mexicana?) -

INTERSECTA, A.S., Atlas 25f37, 38; Det. Syll. p. 393: Malaisie:

Pant. 3p7. - 12f190: *Cl. nan. 2p. 124:*

v. striata, Pant. 2p. 22-17f115; Notul. I33p. 434: Det. S. p. 393; C. 7.

INVIDIENDA, Pant. 3p. - 13f190: 14f210: *Cl. nan. 2p. 141:*

JAMALINENSIS, Grun. - Cl. I33p. 24-1f5; Det. S. p. 331: (A. ocellata, v.)

JANISCHII, A.S., Atlas 25f51-53, 40f30-32: Jan. Gaz. pl. 22f33-42:

Sm. Sp. T. 32: Det. S. p. 413: *Cl. nan. 2p. 115:*

JAVANICA, A.S., Atlas 27f27-33; 28f7-II: Det. S. p. 410: *Cl. nan. 2p. 144:*

JESCHII, Janisch Gaz. pl. 22f19; Atlas 39f14; Det. S. p. 413; *Cl. nan. 2p. 123:*

KAMORTHENSIS, Grun. I33p. 99-1a, f12: Lens Vol. 21. 72-1f13, No. 15:

Det. S. p. 379: *Grevillea Vol. 1p. 75-5f11a-d: - (A. vitacea, p. 1.)*

KARIANA, Cleve I33p. 24-1f7; I33p. 54-4f74;

Det. Syll. p. 405: (A. proteus, v.)

KINKERI, Pant. 3p7. - 24f357;

KITTONI, Fortm. Cey. p. 19-1f7; Det. S. p. 378:

KOSSUTHII, Pant. 3p7. - 10f139: *Cl. nan. 2p. 141:*

LABUENSIS, Cl. Vega p. 493-35f1; J.R.C. I33p. 323: Brun & T. p. 33: *Cl. nan. 2p. 141:*

v. fusiformis, Fortm. - Ann. Bot. Brit. I392p. 12-1f3:

LABYRINTHICA, Grun. - Cl. I33p. 25: Det. S. p. 332: *Cl. nan. 2p. 141:* (A. ocellata, v.)

LAEVIS, E. - Mik. p. 192: *Det. S. p. 380* - Grun. D.C. p. 42-7f74: Prit. p. 33f;

Carr. p. 101: R.E.D. p. 37: Floegel, Baltic: Lens p. 70-Vol. II, No. 2: Sm. Sp. T.

33; Atlas 26f3-10: Dannf. p. 20-2f5; Lagr. I373p. 51; Cl. Vega p. 431;

wolle pl. 3f22; Shark River; Malaisie; Det. S. p. 330: *Cl. nan. 2p. 100:*

var., Cl. I33p. 24-1f3; - (*A. laevis*)

LAEVISSIMA, Greg. D.C. p. 41-7f72; Prit. p. 33f; Carr. p. 101; R.E.D. p. 37:

Floegel, Baltic; Atlas 26f13, 14; Sm. Sp. T. 315: Lens, p. 73-1f14, No. 31:

V.R.S. p. 53-1f15; T. No. 3; Cl. Vega p. 431; Shark River; Malaisie;

Wolle pls. 4f3-6; 9f4; Det. S. p. 377: (*A. laevis*, var.)

v. perminuta, Grun. - V. 4. Type No. 9 Det. S. p. 377: - (*A. laevis*, v. perminuta)

LANCEOLATA, Edwards. - B. J. N. A., February, 1870:

LANCEOLATA, Cl. I33p. 337-23f2; I33p. 237; I373p. 21: Vega p. 431;

Nares: M. J. I374p. 256-3f3; Reinhard; Atlas 25f3: wolfe pls. 4f13;

3f11; Shark River; Det. S. p. 393: - (*A. angustata*, var. *truncata*, Cestr. Man.)

v. incurvata, Br. - Brun I391p. 3-12f3: - (*A. angustata*, var. *incurvata*)

v. minor, Cleve, Vega p. 432; Det. S. p. 393: - (*A. angustata*, var. *minor*)

LEIGHSMITHIANA, O'M. - M. J. I374p. 239-3f3; Cl. Vega p. 432; Nares: (A. *Leighsmithiana*)

LEUDUGERIANA, Petit, Cap Horn p. 119-10f13; Det. S. p. 399: *Cl. nan. 2p. 141:*

LIBYCA, E. - Aoh. Ber. I340p. 11; Amer. pls. 3-1f42; 3-7f17; Mg. pls. 5-1f23;

5-3f24; 6-1f39a, b; 7-1f12, 27; 10-2f17; 13-1f20; 13-2f13; 14f43; 15A,

f57a-c; 17-2f20; 33-1f1; 34-3a, f1; 34-5b, f2; 35A-7f1; 37-1f1; 39-3f2;

Mg. I353p. 33; A. Ber. I370p. 73, pl. 2-1f39; Nord. pl. 2f14; K. B. p. 107-29f23;

K. S. A. p. 93; R. S. D. p. 31-9f3; Bail. M. O. pl. 2f12; Prit. p. 333-12f33;

Weisse G. p. 305-1f11; I364p. 1f11; Nylander, w.: R. E. D. p. 92; Sm. Sp. T.

34; Kirch. Alg. Schl. p. 190: Atlas 26f102-105; wolfe pls. 3f14; 4f14;

Gallik, Papan; Det. Syll. p. 334; (A. *affinis*; - A. *ovalis*, v. *laevis*)

forma minor, Gutwinski Gal. Vol. 2p. 26: Det. Syll. p. 335:

v. interrupta, Pant. 2p. 37-2f23; Det. S. p. 335: - (*A. ovalis*, var. *interrupta*)

LIMA, Pant. 2p. 37; 3p7. - 23f347; - (*A. perminuta*, var. *limensis*)

LIMBATA, Cl. & Gro. - L. C. Vol. II, 159-23f1, 2: *Cl. nan. 2p. 141:*

LIMPIDA, Jan. Gaz. pl. 22f24, 25; Atlas 39f3; Det. Syll. p. 397:

+ lineolata, E. - (a. plicata, tenera, hyalina, Bulskeimii, sulcata, tenuis.)
hyperborea? incurva?

" V. Chinensis, Ad. - Cl. Nav. 2p. 126: (Am. Chi.)

" V. undulata, H. C. S. - Cl. Nav. 2p. 126: - (undulata.) -

> lunata, Oestrup 1897 p. 324: Oestr. Mar. D. p. 411-3f5:

> lunula, Cl. Nav. 2p. 129-4f13:

macilenta,

" V. Ergadensis, Gg. - Cl. Nav. 2p. 122: - (Am. Erg.) -

> macandrina, Cl. Nav. 2p. 127-4f14:

+ magellanica, Cl. Nav. 2p. 136: Atlas 25f4:

> margaritiformis, Cl. Nav. 2p. 117-3f30, 31:

+ marina, W. Sm. - M. J. 1858 p. 206: - (a. protunda: - Oestr. 1897 p. 324:
a. Scotica.)

" var. arenicola, Sm. - Cl. & M. #310: - (Am. arenicola.)

mexicana, Oestrup 1897 p. 324:

LINEATA, Græ. D.C.p.40-4f70; M.J. I357p.71-If36; Breb. D.C.p.16; Prit. p.322; Carr.p.101; Reinhard Flopel, Baltic: Lens, Vol.21.32-3f21, No. 54; Petit, Nimrod; Cat.p.19; Cl. & M. I36; Vega p.461; Nares; J.R.M.S. I379p.677; Atlas 26f59, 82-86; 27f15; Grun. I373p.3; Vinnora; Villef. p.40; Gallik, Papau; Wollé pl.9f15-17; Pant.2p.37; Det.Syll.p.338; Malaisie:-(A.coffaeiformis, v.: -A.proboscidea, v.: -acutiuscula.)

* v.constricta, Grun. I373p.105; Det.S.p.339; -

* v.subconstricta, Grun. I373p.105-3f5; Det.S.p.339; -

LINEOLATA, Donk.-M.J. I361p.12-If13; (A.Donkii.)--

LINEOLATA, E.-Inf.p.I33-I4f4; Amer.pl.I-3f12; Mq.pl.I3-If19; K.B.1. I07-5f34; K.S.A.p.94; R.S.D.p.31-If9, 10; Breb. D.C.p.18; Fresenius 1. 72-4f47, 48; Lens, p.74-If22, No.23; R.E.D.p.92; Atlas 26f51; Sm.Sp.1. 35; Grun. I373p.3; Italy; Cl. I330p.24; Vega p.461; V.A.S.p.57-If13, 20; T.No.3; Hoffmann, Marburg; Wollé pl.9f5; Perag.p.56; Det.S.p.394; (A.bullosa, coffaeiformis, tenera?) Cl. Nav. 2p.120;

LIOCOCCA, E.-Abh.Ber. I353p.595; Det.S.p.413;

LITTORALIS, Donkin.-T.M.S. I353p.30-3f15; Prit.p.331-7f32; All; Carr. p.101; R.E.D.p.39; Lens, p.72-If15, No.19; Atlas 26f15; Malaisie; Det.Syll.p.330; (A.ostrearia, p.p.)--

* v.fossilis, Pant.2p.37; Det.S.p.330;

LOCZYI, Pant.2p.37-5f93; Det.S.p.401; -(A.acutus)

LUNYACKSEKII, Pant.2p.37; 3p. -35f493; Det.S.p.413; -

LUTEA, Fortm.Cey.p.20-If10; Malaisie; Det.S.p.399; -

LYRATA, Græ. D.C.p.43-5f32; Prit.p.331; Breb.Verm.p.10-If13; Carr.p. 100; R.E.D.p.37; Guinard p.31; Lens, p.33-3f9, No.46; Fortm.Cey.p.15; Atlas 26f1, 2, 6, 7; Lagr. I373p.54; V.A.S.pl.If22; Italy; Perag.p.56; Malaisie: (A.angularis, v.: -A.salina.)

MACILENTA, Græ. D.C.p.33-4f35; Prit.p.332; Carr.p.101; R.E.D.p.91; Lens, p.34, No.30; Fortm.Cey.p.17; Danf.p.19-If3; (A.exigua.)--

* var., A.S., Atlas 26f60;

* MAGELLANICA, Petit, Cap Horn p.119-10f14; Notar. I333p.311; Det.S.p.393; -

MAGNIFICA, Græ. -Trans.Bot.Soc.Edinb. I364p.575-15f11;

Det.S.p.395; Lens, ^{v.2}p.71-If3, No.7; Cl. Nav. 2p.121

MARINA, W.S.-A.M.N.4. I357p.7-If2; Prit.p.332-7f59; Carr.p.102; Italy: R.E.D.p.95; Grun. I363p.17; I373p.7; Petit Cat.p.19; Fortm.Cey.p.13; Lens, p.37-3f24, No.74; Atlas 27f14; V.A.S.p.58-If16; Perag.p.56; Villef.p.39; Det.Syll.p.410; Cl. Nav. 2p.103; - (A.ambia.)--

* var., A.S., Atlas 27f17.13; -(A.marina)

MEGAPORA, Pant.2p.33-29f413; Det.S.p.390;

MEMBRANACEA, S.B.D.1p.29-2f29; M.J. I353p.243-3f3; Prit.p.331-7f51; M.D.pl.12f11; Carr.p.100; Roper, Thames; R.E.D.p.37; Sm.Sp.1.36; A. J.M. I377p.101; Lagr. I373p.52; Det.S.p.377;

(A.constricta, W.S.: -A.ostrearia; -Stauroneis amphoroidea.)--

MENEGHINIANA, Gastr. I337p.17-27f13; Notar. I339p.331; Det.S.p.415;

MEXICANA, A.S., Atlas 27f47-49; Petit Cat.p.13; Cl. Vega p.510;

Wollé pl.3f24, 25; Malaisie; Det.S.p.409; -

* v.Boryana, Pant.2p.33; Det.Syll.p.409; -

* v.fusca, Cl. Nav. 2p.105;

> naviformis, Fortm. Cg. p. 11-1f6: Cl. Nav. 2p. 141:
(Hautschia marina:

> nilotica, E., Mik. p. 207: Sens 2, p. 88, No. 87; Det. S. p. 418:
+ normannii, Rab. - (A. minutissima, W.F.) -

> obesa, Gini Cl. - L. D. 1p. 154-22f8: Cl. Nav. 2p. 132:

+ oblonga, - (A. robusta.)

+ obtusa, Gg. - Cl. Nav. 2p. 131: . . .

- MICANS, A.S. Atlas 26f13; Wollé pl. 3f23; Det. Syll. p. 331; *Cl. Nav. 2p. 128-47-9*;
 MILESIANA, Greg. D.C. p. 49-5f33; Prit. p. 331; R.E.D. p. 33; Carr. p. 100;
 Lens, p. 70-If7, No. 6; Det. S. p. 394; - (*A. exacta*) *Cl. Nav. 2p. 116* *Atlas 39f13*;
 MINUTA, Pant. 2p. 33-If13; Det. S. p. 390; - (*A. exacta*)
 MINUTISSIMA, S.B.D. Ip. 19-2f30; Wollé 1350p. 33; Prit. p. 331; Carr. p. 101; R.E.D. p. 37; Pop. S.R. 1357p. 399-13f4; Rabh. Alg. Nos. 331, 1031; Kirch. Alg. Schl. p. 190; Schum. 1.1. p. 35; Mull. Lens p. 73-If19, No. 22; Bleisch, 1363; Sm. Sp. T. 37; Petit liste p. 17; Brin Alp p. 54-3f9; Bellec, Luchon; Perag. p. 53; Italy; Deloge; Malaisie; (A. ovalis, var., & pediculus: *A. delphinodanquata*;
 formajuvénis, Rabh. E.D. p. 37; R. Alg. No. 1061b;
 MONILIFERA, Greg. D.C. p. 39-4f39; Prit. p. 332-7f79; Carr. p. 101; R.E.D. p. 90; Atlas 26f32; Lens p. 33-3f23; No. 57; Det. S. p. 333; Malaisie: (*A. exacta*)
 MUCRONATA, H.L. Sm. Sp. T. 33; A.Q.J.M. 1371p. 17-3f1; J.M. 1379p. 104-3f9; A.J.M. 1377p. 101; Wollé pl. 3f14; (*Auric. insecta* & (*Amicula muc.*) -
 MULLERI, A.S., Atlas 26f31; Det. S. p. 392; *Cl. Nav. 2p. 140*;
 MUNDA, A.S., Atlas 40f15; Det. S. p. 413; *Cl. Nav. 2p. 141*; Balt.
 NANA, Greg. D.C. p. 33-4f34; Prit. p. 334; Flogel p. 90, f12; Fortm. Cey. p. 16; Lens p. 37-3f32; No. 72; Vol. 2p. 234-4f6; Atlas 26f 37-70; Villef. p. 40; (A. elliptica, var.)
 NANA, Rabh. Alg. No. 765; Lens Vol. 1p. 31; (A. ovalis, var.)
 NAUMANNII, Jan. Gaz. pl. 22f20, 21; Atlas 39f19; Det. Syll. p. 410; *Cl. Nav. 2p. 141*;
 NAVICULACEA, Donk. - M.J. 1331p. 11-If12; R.E.D. p. 96; Det. S. p. 407; Lens p. 79-3f4, No. 39; (*Pinn. Stauntonii*)
 NAVICULARIS, E., Amer. p. 122, pl. 1-If12; K.B. p. 108-29f27; K.S.A. p. 95; Prit. p. 335-12f37; Shark River; Lens p. 33, No. 33; Det. S. p. 417; (Navicula?)
 NEOGRADENSIS, Pant. 2p. 33-4f34; Det. S. p. 406; (A. elliptica)
 NEUPAUERI, Pant. 2p. 33-If7; Det. S. p. 401; - (*A. coffeae*) - (A. japonica, f. f.)
 NOBILIS, Greg. D.C. p. 49-5f37; Prit. p. 331; R.E.D. p. 39; Carr. p. 101; Lens p. 31-3f10, No. 50; Vol. 2p. 233-4f3; Det. S. p. 479; (*A. exacta*) -
 NODOSA, Br. - Brin 1391p. 9-12f2; *Cl. Nav. 2p. 106*;
 NORMANNII, Rabh. E.D. p. 33; Lens p. 31, No. 45 sub; V.A.S. p. 55; T. No. 5; Det. S. p. 334 *A. ovalis*; - Atlas 26f72; Carr. p. 32; *Cl. Nav. 2p. 119* (A. humicola?)
 var., A.S., Atlas 26f73; Cl. & M. 267 sub;
 NOVA-CALEDONICA, Grun. - Atlas 26f13, 24; Fortm. Cey. p. 17; Wollé pl. 9f12; Pant. 3p. - 15f227; (A. porcellus; - *A. ostraria*, f. f. f.)
 NUDA, Fortm. - Ann. Bot. Brit. 1392p. 9-If2;
 OBLONGA, Greg. D.C. p. 43-5f73; Prit. p. 334; Carr. p. 102; R.E.D. p. 92; Lens p. 72-If12, No. 14; Flogel, Baltic; Atlas 27f3; Italy; Det. S. p. 412;
 OBLONGELLA, Grun. 1373p. 7-4f20; J.R.V.S. 1379p. 377; Det. S. p. 403; (A. angusta, var.)
 OBTRECTA, L.W.B. - B.O.N. 1. 1352p. 345-f'A, B, C; Wollé pls. 3f13, 23; 9f9; Lens p. 77-2f12, No. 34; Det. S. p. 407; *Cl. Nav. 2p. 141*;
 OTUSA, Greg. T.M.S. 1357p. 72-1134; Prit. p. 334; Carr. p. 102; R.E.D. p. 95; Lens p. 70-If5 No. 5; Atlas 40f4-7, 12f17; Fortm. Cey. p. 22-2f11; Lagr. 1373p. 52; Cl. 1373p. 9; Vega p. 493; J.Q.C. 1337p. 131; Villef. p. 40; Shark River; Mobile; Wollé pl. 3f29, 30; Malaisie; Det. S. p. 404;

- > obtusa, forma miocena, Br. - Id. 2, No. 22, p. 231 - 19, f. 1: -
 > "v. occunica, East. - Cl. Nav. 2p. 131: - (a. ocean.; - a. pallax & cyclops.) -
 "v. Sunquetchkii, Pant. - Cl. Nav. 2p. 131: - (a. Sun.) -
 "v. transfuga, Cl. Nav. 2p. 131: - (a. obt. of atlas 40 f. 6, 12) -
 "v. radula, Cl. Nav. 2p. 131: -
ocellata, Cl. Nav. 2p. 133: -
 "v. cingulata, Cl. Nav. 2p. 133: - 3 f. 39: - (a. int.) - Cl. Nav. 2p. 133: -
 "var. interrupta, Cl. - Cl. Nav. 2p. 133: -
 "var. camariensis, Cl. - (a. Narharihuseni) a. oc. var. foes. 5 -
 + oculus, Cl. Nav. 2p. 106: - (a. Narharihuseni) -
 "var. farcimen, ad. - Cl. Nav. 2p. 106: - (a. m. farc.) -
 - a. littoralis + Petit: Elgans. 14: -
 + ostrearia, Breb. - (a. littoralis) -
Ostreop 1897p. 324: -
 "v. lineata, Cl. - Cl. Nav. 2p. 130: - (a. littoralis, cl. m.) -

- " *V. Libya*, E. - Cl. Nav. 2p. 104; Oestrup. 1897 p. 324:
 (*a. affinis*; *Libya*; *abbreviata*; *protus*, var.; *Starbii*; *sueavis*;
Szontaghii; *verrucosa*; *ovalis*, v. *affinis*;
 + " *z*, *p*" *gracilis*, H. H. 3, p. 59; - (*a. gracilis*; - *sp. minor*, of K. -
 + " *r*, *g*" *affinis*, - (= var. *Libya*; *a. abbreviata*; - *forma minor*, H. H.
 + " *r*, *d*" *pediculus*, K. - Cl. Nav. 2p. 105; -
 (*Cymbella* sp.; - *a. ped. v. minor*; - *a. borealis*; *q. edosa*; *Libya*, v. *int.*;

forma minuta, *cl. nav. 2p. 131*:
 vars., A.S. Atlas 40f II; 13; 4. --, Fortm. Cey. p. 22-2f I7:

v. fossilis, Pant. 2p. 33; Det. Syll. p. 404;

OBUSIUSCULA, Grun., Atlas 25f7; Det. S. p. 402; *cl. nav. 2p. 131*:

OCEANICA, Casti. I337p. 20-27f20; Det. S. p. 377: - (*A. obliqua*, v.)

OCELLATA, E.-Mg. I356p. 33; Abh. Ber. I362p. 65-If10; Lens Vol. I. p. 33:

OCELLATA, Donkin: M. S. I33Ip. II-IfII; Prit. p. 335; R. E. D. p. 37; Lens, p. 70-If2, No. 2: Malaisie; Lagr. I373p. 52; V. i. S. p. 56-If26; Det. S. p. 377;

v. Jamalirensis, Grun. Cl. - Vega p. 46I: - (*A. celyphata*, v.) - (*Amphora* J.)

+ ACULUS, A.S., Atlas 27f52; Pant. Ip. 21-If127; Det. S. p. 400; +

v. fossilis, Pant. 2p. 33; - (*A. oculis*.)

ORNATA, Fortm. Cey. p. 20-If9; Det. S. p. 335: *cl. nav. 2p. 131*:

OSTREARIA, Breb. - K. S. A. p. 94; Prit. p. 33I; Grun. I363p. I7; R. E. D. p. 33:

+ Lens p. I2-If16, No. I3; Atlas 26f23; Sm. Sp. T. 39; Fortm. Cey. p. I3; V. i. S. p. 56-If25; Cl. I380p. 25; Vega pp. 46I, 492, 505; Malaisie; Det. S. p. 373: *cl. nav. 2p. 129* *labyrinthica* & *membranacea*. --

var. *b*, Rabh. E. D. p. 33; V. i. S. p. 56; Det. S. p. 373: (*A. quadrata*.) --

var. Belgica, H. V. i. S. p. 56; Det. S. p. 373: *cl. nav. 2p. 130*: - (*A. Belg.*)

v. interrupta, Pant. Ip. 21-If134; Notar. I336p. 464; Det. S. p. 376; +

v. minor, Cl. I380p. 25; Det. S. p. 376; *cl. nav. 2p. 130*:

v. Nova-Caledonia, Grun. - Vega p. 46I: (*A. porcellus* & *Nova-C.*)

v. porcellus, Cl. Vega p. 492; Det. S. p. 373: (*Amph. p.*)

v. vitrea, Cl. Vega p. 46I: *cl. nav. 2p. 129*: (*A. Trembii* - *porcellus* - *vitrea* - *Nova-Cal.* pp.)

OVALIS, K. B. p. I07-5f35, 39; K. S. A. p. 93; R. S. D. p. 31-9fI; S. B. D. Ip. I9-2f26; Front.; Mull; A. M. N. I. I356p. 3-If2I-32; Weisse I360p. 359-If2I; R. D. Ex. No. 9; Braemar; Marissel; Prit. p. 333-7f56; 9fI53; M. D. pl. I2fI0;

Heib. p. III; Carr. p. I00; Mull; R. E. D. p. 9I, f2I; Pfitzer p. 32-4f9; 6fI9;

2. Sp. T. 9: Borscow pl. 2f2; K. & Z. p. I5-IfI6; Roper, Thames: New Zealand;

Grun. I363p. I7; Cl. I383p. 236; I38Ipp. 5, 3; I39Ip. 53; Prollius p. 56; R. Alg. Eur. 735; Lanzi, Tor.; Eiben, I37I; Lagr. I373p. 45; M. M. J. I373p. 33;

Lens p. 30-2fI7; No. 45; Sm. Sp. T. 40; Atlas 26fI06-III; Ebert, Cassel; M. T. P. 3-I-2: V. i. S. p. 59-IfI; T. No. I; Dannf. p. I9; Brun Alp. p. 53-II3; Pet. & Leud.; liste p. I7; Kinnord; Lake Michigan; Italy; Gallia, Papan;

Macdonald pl. I0f27; Hoffmann, Marburg; Delogne: Belloc, Luchon p. 44f9;

Spamer, Curen; Perag. p. 56; Wille pl. 4f29-32; Tanarek I379p. 44f22: Det. S. p. 4II; Malaisie: Herib. p. 62: *a*, *cl. 1895p. 24*: *nav. 2p. 104*:

(*Navic. amphora*; -*Cyclotella*; -*Cymbella*; -*Ernst. copulata* & c.: -*A. arcus*,

angularis, *gigas*, *munda*, *globulosa*, *incisa*, *nana*, *Normanii*,

perminuta.)

var. *b* minor, K. B. p. I07; V. i. S. p. 59: *cl. 1895p. 24*: (*A. gracilis*, n.)

var. *p* affinis, K. - V. i. S. p. 59: Cl. I39Ip. 53: Det. S. p. 4I2: -

var. *a* *forma minor*, V. i. S. p. 59: (*A. pediculus*, minor.) -

var. *a* pediculus, V. i. S. p. 59; T. No. 3: Cl. I39Ip. 53; (

Det. S. p. 4I2: (*A. minutissima*; -*Cymbella pediculus*.)

var. *d* *forma exilis*, Grun. - Det. Syll. p. 4I2: *V. i. S. p. 59*:

v. elliptica, W. S. - R. E. D. p. 92; Dippel p. 3: Pet. liste p. I7:

v. gracilis, E. - Det. S. p. 4II: *cl. nav. 2p. 104*: (*A. gracilis*.)

v. globosa, Schum. - Cl. I39Ip. 53: - (*var. d* - (*Amphora* g.) ---

v. nana, Rabh. E. D. p. 92; (*A. nana*.)

> ovum, Cl. Nav. 2p. 102-4f12: Atlas 26f40:

Pecten Bu. - (A. praevalida - alveolata - scalaris.)

" v. Argus, Cl. Nav. 2p. 110:

> Peragalli, Cl. Nav. 2p. 124: - (Amphora? of Per. Vill. p. 40-3f26)

+ Petiti, - (A. ostrearia, pp.)

polaris, Ostrep. Mar. S. p. 408-3f2: Oestr. 1897p. 326:

> praevalida, Jan. Gaz. 2 of 21: - (A. pecten.)

> prismatica, Cl. Nav. 2p. 112-4f26:

> prisca, Cl. Gro. - Cl. Nav. 2p. 131:

+ Proteus, Gg. - (A. prot., v. Kariana; A. hexagonalis; A. speciosa.) Ostrep. 1897p. 32

" var., d. s. alveolatus 28f1: - (A. ovalis, v. Lilyca.)

" var., alata, Cl. Nav. 2p. 103:

" " contigua, Cl. Nav. 2p. 103: Atlas 27f7-9; 28f4: Ostrep. 1897p. 324:

- var. pellucida, Rabh. E.D. p. 92; R. Alg. 765 sub: (A. pellucida.)--
 var. Lake Michigan:
 PARADIELA, Flogel p. 33, f3; Lens 2p. 233-4f2: Italy; Det. Syll. p. 332;
 PARADOXA, E. - Mik. p. 35; Det. S. p. 413;
 PARASITICA, Bleisch 1833p. 76: (A. minutissima.)---
 PECTEN, Br. - Brun 1891p. 9-1f24; Led. No. 11p. 157-22f5-7: *Cl. Nav. 2p. 1101*;
 PEDICULUS, K. - Grun., Atlas 26f99; Cl. & M. No. 137; Fortm. Cey. p. 13; V. 1.
 S. pl. 1f6, 7; T. No. 3: Perag. p. 53; Gallik, Papan; Herib. p. 63:
 (A. affinis, minutissima & ovalis, var. ?)
 v. exilis, Grun. - V. 1. S. pl. 1f9, 10; Herib. p. 63: -(A. ovalis, forma ex) ^{var. d.}
 v. major, Herib. p. 63: *Cl. Nav. 1f4, 5*: -(A. ovalis, var. ?)
 v. minor, Grun. - V. 1. S. pl. 1f3; Herib. p. 63: (A. ovalis, minor.)
 PELLUCIDA, Greg. D.C. p. 41-4f73; Prit. p. 333; Carr. p. 102; Lens p. 73-2f
 15, No. 33; Wolle pl. 3f9, 17; Det. S. p. 405: -(A. ovalis, var., & incurva: ?)
 vars., A.S., Atlas 27fII, 33, 37, 35: -(A. commutata.)
 PERMAGNA, Pant. 2p. 33-3fII3; Det. S. p. 403; -(A. obtusata.)
 PETITII, Brun & T. p. 15-9f16; Det. S. p. 332; Ann. Bot. Brit. 1892p. 10-1f3: +
 PERPUSILLA, Grun., Atlas 26f93; V. 1. S. p. 53-1fII; T. No. 4: Det. S. p. 400:
 Grun. 1834p. 50-1f3: *Cl. Nav. 2p. 105*: (A. coffaeiformis, v. ?)
 PHILLIPINICA, Castr. 1837p. 19-27f2; Det. S. p. 415;
 PLEUROSIGMA, Brun & T. p. 15-7f13; Det. S. p. 403: *Cl. Nav. 2p. 133*:
 PLICATA, Greg. - T. M. S. 1857p. 70-1f31; Prit. p. 334; Carr. p. 102; R. E. D. p.
 93: Cl. 1833p. 237; Java p. 12; 1873p. 21; Vega p. 462; Lens p. 73-2f3, No.
 25: Atlas 26f50; Shark River; Wolle 22f25: Malaisie: -(A. lineolata, L.)
 POLYZONATA, Castr., 1837p. 13-27f13; Det. S. p. 415; -(A. quadrate.)
 PORCELLUS, Kitton. - Atlas 26f25; 39f15-17; Fortm. Cey. p. 17;
 Cl. 1873p. 9: Villef. p. 40: (A. ostrearia, v. vitrea.)
 PROBOSCIDEA, Greg. D.C. p. 54-6f93; Prit. p. 332; Carr. p. 101: R. E. D. p. 90:
 Pet. Cat. p. 13; Lagr. 1873p. 54: Lens p. 71-1fII, No. 13; Villef. p. 40;
 (A. affinis, W.S.: -A. lineata.) *Cl. Nav. 2p. 113-3f19-21*:
 PROTEUS, Greg. D.C. p. 43-5f81; Prit. p. 333; Carr. p. 102: R. E. D. p. 93; Cl.
 1837p. 637; Nares; 1873p. 20; Vega pp. 462, 493, 510; Fortm. Cey. p. 13: M.
 T. P. 3-I-I; Eiben, 1871; Lanzi 1876p. 3; Ostia p. 23; Lagr. 1876p. 54;
 Atlas 27fII-7, 63; 39f23, 24: Lens p. 79-3fI; No. 41; Pet. Cat. p. 17:
 Shark River: Mobile; Italy: Villef. p. 39; Wolle pls. 3f10, II; 9f19;
 Pant. 2p. 39; Malaisie; Herib. p. 64; *Cl. Nav. 2p. 103*: *Cl. Nav. 2p. 103*: (A. affinis.)
 v. Kariana, Grun. - Cl. 1830p. 24-1f7; Vega p. 462: (Amphora K. ?)
 v. Mexicana, A.S. - Vega p. 493: -(A. Mex.)
 v. parvula, Flogel, Lens Vol. 2p. 234-4f4; -(A. pusio?)
 v. robusta, Greg. - Cl. Vega p. 493: -(Amph. r.)
 PROTRACTA, Pant. 2p. 39-1f5; Det. S. p. 390: -(A. coffaeiformis v. ?)
 PSEUDO-CINGULATA - Det. Syll. p. 333: -(A. cingulata, Pant.)
 PULCHRA, Grev. - Trans. Bot. S. Edinb. 1833p. 575-15f2: Det. S. p. 395;
 Lens, p. 71-1f9, No. 9: (Auricula.)
 PUSILLA, Greg. D.C. p. 53-6f95; Prit. p. 335; Carr. p. 103; Fortm. Cey. p. 13:
 Lens, p. 75-2f10, No. 23; Led. No. 11p. 159-23f3, 4; Det. S. p. 393; *Cl. Nav. 2p. 102*:
 PUSIO, *Cl. Nav. 2p. 102-3f4*: -(Comp. reptans, v. ?)
oestrup 1897p. 324:

> Rattrayi, Cl. Gn. #310: Cl. Nav. 2p. 133:

> rectilineata, Cl. Gro. - Cl. Nav. 2p. 139-4 f 24, 25:

> rhombica, var. gracilior, Cl. Nav. 2p. 127:

" var. intermedia, Cl. Nav. 2p. 127:

+ robusta, Gg. -

" var. fusca, Cl. Nav. 2p. 103:

" " minor, Dannf. p. 20-1 f 7: - (a. commutata,)

" " subplicata, Cl. Nav. 2p. 103:

+ > Sarniensis, var. flexuosa, Gv. - Cl. Nav. 2p. 120: - (a. flex, Grev.)

> Scala, var. sinuata, Gv. - Cl. Nav. 2p. 120: - (a. sin., Grev.) -

> Scala, var. alata, Cl. Nav. 2p. 138:

+ Schleinitzi, Jan. - (a. Schmidtii, v. Schl.)

+ Schmidtii, Gn. - Atlas 27 f 51: -

" forma major, Cl. Nav. 2p. 107: Atlas 28 f 3: - (a. Sch., p. p.)

" " minor, Cl. Nav. 2p. 107:

" var. alata, Cl. Nav. 2p. 107:

" " Schleinitzi, Jan. - Cl. Nav. 2p. 107: - (Em. Schl.)

- QUADRATA, Breb.-W.S.A.p.95; Prit.p.33I; R.E.D.p.33; Atlas 25f2I,22;
 Lens p.72, No.13; V.H.S.pl.1f24; (A.ostrearia, "b": -A.) *paral. (A.)*
 " var., Grin.1333p.17; Atlas 25f5;
 QUADRATA, Greg.D.C.p.49-5f35; Hall; Lens p.77-2f7, No.3I: -(A.Gregorii.)-
 QUADRICOSIATA, Rabh.S.D.p.297f5; Lens p.33, No.73 sub;
 Atlas 26f75-30: (A.Hohenackeri, tumida & veneta.)-----
 " var., A.S.Atlas 26f74: -(A.veneta)
 RECTA, Fortm.Cey.p.2I-1f14;
 RECTA, Grin.-V.H.S.pl.22(2)f9, 10; Det.Syll.p.343: (Amphoropsis.)-
 RECTANGULARIS, Greg.-T.M.S.1357p.70-5f29; Prit.p.33I; R.E.D.p.33;
 Carr.p.10I; Lens p.32-3f13, No.52; wolle pl.9f14; Det.S.p.333; *Cl. Nav. 2p. 140*
 REICHARDTIANA, Grin.-Hedw.1367p.25; Lens p.34, No.62; Atlas 39f33-35;
 wolle pl.4f9; Det.S.p.4I3: *Cl. Nav. 2p. 140*
 RHOMBICA, Kitton.-Atlas 40f39; Perag.Villef.p.4I; Malaisie:
 Det.S.p.4I3; *Cl. Nav. 2p. 127*
 RIMOSA, E.-Amer.p.79; Abh.Ber.134Ip.367; Mik.pls.5-1f27; 13-2f17;
 Mg.1356p.33; V.B.p.103; Prit.p.33I; R.E.D.p.33; Lens p.3I-3f12, No.
 49; Italy; wolle pl.3f23; Det.S.p.333; *Cl. Nav. 2p. 141*
 ROBUSTA, Greg.D.C.p.44-5f79; Prit.p.333; Carr.p.102; Guinard p.3I; R.
 E.D.p.93; Lens p.30-3f2, No.44; Atlas 27f33-4I; Grin.1373p.4; Fortm.
 Cey.p.18; Pet.Cat.p.16; Gannf.p.20; Lagr.1373p.54; Shark River;
 Cl.Vega pp.462, 510; Italy; Perag.p.56; Villef.p.40; wolle pl.3f1-3;
 A.M.M.J.139Ip.1f8; Det.S.p.403; *Cl. Nav. 2p. 103*; (A.commutata p.p.)
 " var., A.S., Atlas 27f44; Cl.Vega p.462; Villef.p.40;
 SALINA, S.B.D.Ip.19-30f25I; Breb.D.C.p.13; Prit.p.332; R.D.Ex.10; R.
 E.D.p.90; Jan.& R.p.4-3f12; Carr.p.10I; Hall; Hul.Sp.7.10; Fresenius
 p.70-4f30-42; Eiben, 137I; Guinard p.3I; Atlas 25f8I; Lens p.34-3f29,
 No.59; Sm.Sp.7.4I; Fortm.Cey.p.16; V.H.S.p.57-1f19; T.No.II; Italy;
 Perag.p.56; wolle pl.9f3; Cl.139Ip.53; Herib.p.32; Det.S.p.333;
 (A.borealis, coffaeformis & lyrata.)
 " var. "b" minor, V.H.S.p.57; Det.S.p.333; -(A. Coff. var. borealis.)
 " v.fossilis, Pant.2f.39-3f47; Det.S.p.333; -(A. Coff. var. fossilis.)
 SARMATICA, Pant.Ip.7 -15f135: (A.intersecta, var. S.)
 SARNIENSIS, Grev.-T.M.S.1362p.95-9f12; Carr.p.100; Lens p.7I-1f4, No.
 II; Atlas 25f60; Fortm.Cey.p.14-1f3; Malaisie; Det.S.p.4I7; *Cl. Nav. 2p. 140*
 SCABRIUSCULA, Cl.& Gro.-Led.No.15p.56-3f7; *Cl. Nav. 2p. 140*
 SCALA, Cl.& Gro.-Led.No.IIp.153-22f13, 19; *Cl. Nav. 2p. 140*
 SCALARIS, Casti.1337p.13-2719; Notar.1339p.532; Det.S.p.4I7; *Cl. Nav. 2p. 140*
 SCHLEINITZII, Jan.-Gaz.pl.22f14-17; Atlas 39f9-II; Det.S.p.4I3;
 SCHMIDTII, Grin.-Hedw.Vol.17p.126; J.R.M.S.1373p.240; Pet.Cat.p.17;
 Atlas 23f2, 3; Fortm.Cey.p.16; Cl.Vega p.492; wolle pl.3f5;
 Det.Syll.p.410; *Cl. Nav. 2p. 106*
 SCOTICA, Wolsen.-Lens Vol.11.37, No.74 sub: (A. mannii)
 SEJUNCTA, Pant.3p.2. -35f495; *Cl. Nav. 2p. 142*
 SEMEN, E.-Mik.pl.33A-17f10; Det.S.p.4I3;
 SENDAIANA, Br.-Braun 139Ip.9-12f12-c; *Cl. Nav. 2p. 138*
 SEPULTA, Pant.Ip.22-24f223; Notar.1336p.464; Det.S.p.390: -(A.milleana)

+ Staurophora, Cast. - Cl. Nav. 2p. 129-4f 33, 34:

? Strutia, Gn. - Cl. Nav. 2p. 114: - (a. contracta, v.) -

Sulcata, Bb. - sulc. 70 annif. a. lineola)

" var. elongata, Cl. Nav. 2p. 113: - (a. elong.)

+ Szaboi, Pt. - (a. arcuata, Pt.; + levesensis, Pt.; a. Weisneri;
a. coffeiformis, v. fossilis, Pt.; a. minuta, Pt. -

+ terroris, Act. trap 1897 p. 325

> terroris, v. limbata, Cl. Nav. 2p. 123:

> Tetrageiba, Cl. Nav. 2p. 120: Atlas 25f 78-80:

- SINUATA, Grev.-Trans. Bot. S. Edinb. 1837. 1. 5f3-15f5; Lens Vol. 1. 30-3f5, No. 43; Atlas 25f78, 79; Petit Cat. p. IV; Det. Syll. p. 394: - (A. *maritima*)
- SPECIOSA, Castr. 1837. 1. 17-27f11; Det. S. p. 407: - (A. *prostrata*)
- SPECTABILIS, Grev. D. C. p. 44-5f30; Prit. p. 335-7f57; Carr. p. 102; R. E. D. p. 95; Breb. Verm. p. 10; Floegel, Baltic; Lens Vol. 1. 30-3f5, No. 42; Atlas 40f20-23; Lagr. 1876. 1. 54; Petit Cat. p. IV; Fortm. Cey. p. 17; Cl. Ver. 1. 432; Parag. p. 56; Brun & T. p. 63; Wille 1. 3f7, 3; Malaisia; Det. Syll. p. 403: (A. *maritima* p. 131; (A. *arabia* & *fusca*.) -----
- var., A. S., Atlas 40f13, 19; Brun & T. p. 63; Fortm. Cey. p. 19.
- SOELSVIGENSIS, Petit Cat. Horn p. 120-10f15; Atlas 23f17, 18; Notar. 1838. 1. 611; Det. S. p. 336: (A. *crassa*.)
- STAUBII, Part. 3p. 2. - 10f171; - (A. *malis*, v. *Libya*) -
- STAUROPHORA, Part. 3p. 6. - 15f223; - (A. *Pantocsehii*.) Cl. Nav. 2p. 141.
- + STAUROPHORA, Dammf. p. 20-1f9; Det. Syll. p. 330:
- STAUROPHORA, Castr. 1837. 1. 20-27f5; Notar. 1839. 1. 632: - (A. *Castracani*.)
- STAURONEIFORMIS, Lorenz Mss.: (A. *deussata*.) -----
- STAUROPTERA, Bailey N. S. p. 3, f14, 15; Prit. p. 335; Lens Vol. 1. 39: (A. *Stolothopsis*: - (A. *Navic. arctica*.)
- STRANGULATA, Fortm. Cey. p. 19; Atlas 25f61; Det. S. p. 413;
- STRATA, Part. 1. 39-17f156; 2. 39-2f31; Det. S. p. 390: - (A. *intersecta*, v. 1.)
- STRIGATA, Part. 3p. 6. - 11f131; Cl. Nav. 2p. 141; (A. *acutiuscula*.)
- STRIOLATA, Part. 2. 39-2f25; Det. S. p. 395: - (A. *Fischeri*, Neuf.; *dentatus*.)
- STUDERI, Jan.-Gaz. 1. 22f1; Atlas 39f1; Det. S. p. 410: (A. *formosa*)
- SUAVIS, Part. 3p. 2. - 23f41; - (A. *malis*, v. *Libya*)
- SUBINFILATA, Grun., Atlas 23f43, 49; Cl. Ver. 1. 432; Det. S. p. 395: (A. *maritima*, v. 1.)
- SUBPUNCTATA, Gro. & St.-J. Q. C. 1837. 1. 131-10f3; Det. S. p. 336; Cl. Nav. 2p. 141
- SUBTILIS, Grun.-Cl. & M. No. 255 sub; Det. S. p. 419;
- SULCATA, Breb. D. C. p. 13, f3; Grev. D. C. p. 51-5f92; M. J. 1856. 1. 24-3f7; Prit. p. 333; Breb. Verm. p. 10; Carr. p. 102; R. E. D. p. 93; Floegel, Baltic; Lens, p. 75-2f11, No. 29; Sm. Sl. 1. 29; Atlas 25f43, 47; 27f12, 13; Grun. 1873. 1. 7; Fortm. Cey. p. 19; Dammf. p. 20-2f3; Parag. p. 56; Villef. p. 41; Italy; Cl. 1891. 1. 53; Det. S. p. 407: Cl. Nav. 2p. 1121 - (A. *Baltica* & *crassa*, p. 1121)
- SUMATRENSIS, Fortm.-Ann. Bot. Brit. 1892. 1. 10-1f5; - (A. *crassa*.)
- + SZABOI, Part. 2p. 39-2f20; Det. S. p. 401: Cl. Nav. 2p. 1191: - (A. *concoloris* *lirata*.) -
- SZONTAGII, Part. 2. 39-7f133; Det. Syll. p. 401: - (A. *malis*, v. *Libya*)
- TAYLORI, Grun.-V. d. 1. No. 13 sub; Det. S. p. 419; - (A. *coffea*.)
- TENERA, S. B. D. 1. 20-30f252; Prit. p. 335; 111; Lens Vol. 1. 84; St. Sl. 1. 42; A. J. M. 1877. 1. 102; Cl. Ver. 1. 431: (A. *lineolata*, L.) -----
- TENUIS, Floegel, p. 90, f17; Lens Vol. 2. 1. 235-4f7; Hedw. 1873. 1. 99; Det. Syll. p. 405;
- + TERRORIS, E.-Abh. Ber. 1853. 1. 25; Mg. 1. 1. 35A-23f5; Prit. 1. 332; Lens, p. 33-3f20, No. 56; Det. S. p. 413: Cl. Nav. 2p. 1121: (A. *Scab. cylindrica* & *alighensis*.)
- > TERTIARIA, Part. 2p. 39; 3p. 6. - 15f225; Det. S. p. 416: Cl. Nav. p. 141.
- TESSELLATA, Gro. & St.-J. Q. C. 1837. 1. 131-10f1; Notar. 1837. 1. 350; Det. Syll. p. 399: Cl. Nav. 2p. 1111
- > THAITIANA, Castr. 1837. 1. 19-27f15; Det. Syll. p. 403: - (A. *crassa*.)

+ truncata, Gg. - Cl. Nav. 2p. 112-3f17, 18:

tumidula, Gn. - Rabh. Alg. Eur. #1716: Cl. Nav. 2p. 119:

+ veneta, K. - { *A. fasciata*, E.; - *A. Nohensackeri*; - *A. tumidula*; -
A. hyalina, v. *parvula*; - *A. Lilyca*, of H.L.S.; - *A. Coffeyi*, H.L.S. }

7 vetusta, Cl. Nav. 2p. 115-4f30-32:

Wittsteinii, Cl. Nav. 2p. 140:

TRANSYLVANICA, Pant. 3p. 1. -If12; *Cl. Nav. 2p. 141*:

TREUBII, Fortm. -Ann. Bot. Brit. 1892. II-If7: - (*A. ostraria*, v. *vitrea*)

TRUNCATA, Gr. D.C. p. 44-4f7; Prit. p. 333; Carr. p. 102: Atlas 25f4; +
Lagr. 1873p. 52; Lens p. 76, No. 29 sub; Woll. pl. 3f27; Det. S. p. 417:

+ TUMIDULA, Gr. D.C. p. 175; Sm. Sp. 1. 315; Lens Vol. I p. 75:
Det. Syll. p. 414: (*A. veneta*: - (*A. toherackeri* & *quadricostata*.) ---

TURGIDA, Gr. D.C. p. 33-4f53; Prit. p. 332; Carr. p. 101; R.E.D. p. 95; Cl.
1873p. 9; Vega p. 493; Atlas 25f22, 23, 25, 27, 28, 31; Petit Cat. p. 19;
Lens p. 35-3f27, No. 66; Perag. p. 56; Woll. pl. 3f18, 19; Villef. p. 39:
Det. S. p. 383: *Cl. Nav. 2p. 123*: (*A. recta* & *ventricosa*.) --

TURGIDA, E.-Mik. 1858p. 63:

UNDATA, H.L. Sm. -Lens Vol. 2 p. 70-If21, No. 4: Grevillea 1873p. 25:

Det. Syll. p. 414;

UNDATA, Fortm. -Ann. Bot. Brit. 1892. II-2f1: *MS. p. 145 Lens Vol. II p. 70*

UNDULATA, Gr. v. -Tr. Bot. Soc. Edinb. 1863p. 575-15f3: Det. Syll. p. 394:
Lens Vol. 2 p. 71-If10, No. 12:

VALIDA, Perag. Villef. p. 40-3f25; Notar. 1890p. 33: Det. S. p. 413; *Cl. Nav. 2p. 112*;

VENETA, K.B. p. 103-3f25: K.S.A. p. 94; Prit. p. 334; R.E.D. p. 94; Lens p.
34, Nos. 53, 67; Italy: Atlas 27f16; Sm. Sp. 1. 43; V.A.S. p. 53-If17; 1. No.

+ 10; Perag. p. 56; Woll. pl. 3f12, 13; Herib. p. 62: Det. S. p. 397; *Cl. Nav. 2p. 118*:
(*A. aponina*, *borealis*, *quadricostata*.) --

VENTRICOSA, Gr. D.C. p. 39-4f53; Prit. p. 332; Carr. p. 101; R.E.D. p. 91:

Gr. D.C. p. 17; Lens Vol. 2 p. 35, Nos. 64, 66: Floegel, Baltic; Lagr. 1873p.

55: Girard Foss. p. 9, 12-If6; 2f12: (*A. angusta*, var. - (*A. turcica*.) ---

+ VERRUCOSA, Pant. 3p. 1. -10f166: - (*A. ovalis*, v. *Libyca*.)

VITREA, Montagne Ann. Sci. Nat. p. 167: Basset, sur les eaux St.

Nectaire p. 39; Det. S. p. 392:

VITREA, Cl. 1868p. 237-4f5, 6; Lens p. 72-2f1, No. 16:

Lagr. 1873p. 52: (*A. kamorthensis*.) ---

VITTATA, Pant. 2p. 39-3p. 1. -22f326; Det. Syll. p. 382; *Cl. Nav. 2p. 141*

VULGARIS, E.-Mik. p. 79; Det. Syll. p. 413;

WACHENHUSENII, Jan. -Gaz. pl. 22f47; Atlas 40f33; Det. S. p. 413;

WEINECKII, Jan. Gaz. pl. 22f13; Atlas 39f20: Det. S. p. 402; *Cl. Nav. 2p. 122*:

WEISSELOGII, A.S., Atlas 25f53, 59; Petit Cat. p. 13; Fortm. Cey. p. 17:

Cl. Vega p. 462, 491; Det. S. p. 334; *Cl. Nav. 2p. 116*:

WEISSNERI, Pant. 2p. 40-3f45: Det. S. p. 390: (*Cyrbella bacillata*, l. 1.) -

WITSTEINI, Jan. -Gaz. pl. 22f23, 27, 45, 46; Atlas 39f3, 7; Det. S. p. 397:

ZEBRATA, Brun & T. p. 16-7f14; Det. S. p. 402:

(*A. cygnea*.) ---

ZEBRINA, A.S., Atlas 25f11; Cl. Vega p. 510; Det. Syll. p. 392: (*A. angusta*, var.)

AMPHOROPSIS. --- (*Grunow, 1884*.) -

COMPLEXA, Gr. in litteris.: - (*auricula*:

(*Amphora c.*) --

DECIPIENS, Gr. in V. A. S. - *Cl. Nav. 3p. 141*: (*Amphora*; - *Amphipora plicata*: (*Amphora*)

RECTA, Fortm. -Gr. in V. A. S.

(*Amphora*.)

ANALUS. --- (*Chr., 1844*)

--, DeToni in Oss. Bac. 1891p. 911:

--, E. -Abh. Ber. 1872p. 1. 2f22:

(*Plagiogramma*.)

+ Mediterraneus, Atlas Zool 22:

Anomoeoneis.

+ bipunctata, Gn. - Cl. Nav. (2) p. 8: - (Nav. 6.)

+ Exilis (Ach. n. th. microcephalum).

" V. gonphonemusa, Gn. - Cl. Nav. (2) p. 8: - (Nav. gonphonemusa, v. th. 1.)

" V. thermalis, Gn. - Cl. Nav. (2) p. 8: - (Nav. sericans, v. th. 1.)

+ Maeracana, Pant. - Cl. Nav. (2) p. 7: - (Nav. m.)

M. nitica, Pant. - Cl. Nav. p. 7 (2): - (Nav. men.)

Sculpta, v. major, Cl. Nav. (2) p. 6

+ Polygramma, E. - Cl. Nav. (2) p. 6: - (Stauroneis: Nav. bohemica, costata, fossilis, panonica & trigamma.)

Sphaerophora, K. -

" var. biceps, E. - Cl. Nav. (2) p. 6: - (S. biceps, E.)

CLITELMINTELLA. - (Schuett, 1892) -

gigas, (Castr.) - Schuett in Det. Syll. p. 1424: - (Ethmodiscus) -

Aplotella, Kz. 1835.

A subgenus of Frustulia - Kz. 1835 p. 8.

BIROSTRATUS, Grun.-V.H.S.pl.103f1,2; Cl.Vega p.509; Atlantic City; J. Q.C.1887p.77; Wolle pl.64f12-14; Malaisie; Det.Syll.p.339;

(A.Mediterraneus; -Biadulphia.)----

forma angustior, Grun.-V.H.S.pl.103f3;

var., Grun., V.H.S.pl.22(2)f15;

CAMPYLODISCUS, E.-Abh.Ber.1844p.265: Prit.p.359: -(Euodia Fraidenfeldii.)

CONSTRICUS, E.-Abh.Ber.1844p.265: -(Eunotogramma Fraidenfeldii.)--

DEBILIS, Grun., V.H.S.p.202-126f17-19: (Eunotogramma.)-----

FOSSUS, Gro. & St.-Grun., in Botan.Centralb.1883No.15: -(Biadulphia.)----

INDICUS, E.-Abh.Ber.1845p.36: (Terpsinoe.)---

LATECAVATUS, Brun & T.p.16-1f13; Det.Syll.p.390;

+ MEDITERRANEUS, Grun.-Cl. & M.No.154; V.H.S.pl.102f3,10,11; Det.S.p. 389; Malaisie; Pant.Ip. -13f160: -(A.birostratus, v.: -Biadulphia.)-----

v.intermedia, Grun.-V.H.S.pl.102f9: atlas 200+23: (A.birostratus.)--

MINUTUS, Grun.-V.H.S.pl.103f4,5; Cl.Vega p.503; Det.S.p.391;

SCALARIS, E.-Abh.Ber.1844p.199; Mg.pl.35A-22f1,2; K.S.A.p.120; L.M.

1856p.63: Prit.p.359-3f37; Jan.Gu.p.11-1a,f23; Det.S.p.390;

SUBCONSTRICUS, Gro. & St.-J.Q.C.1887p.143-14f59,60; Notar.1839p.464;

Det.Syll.p.390:

WEYPRECHTII, Grun., 1834p.6-2f13; Det.Syll.p.390:

ANISODISCUS.--- (Grunow, 1886)

PANTOCSEWII, Grun.-Pant.Ip.67-3f29; 26f241-243; 26f280; 3p. -37f525; Notar.1838p.529; Det.Syll.p.1323;

v.major, Pant.Ip.67-27f255; Notar.1838p.529: Det.S.p.1323:

ANOMOEONEIS.--- (Pfitz., 1872)

--, Pfitzer p.77:

BOHEMICA, Pfitzer p.73: -(A.polygramma!) - (Navicula.)-----

BRACHYSIRA, Breb.-Cl.189Ip.40: 1895p.14: Nav. (2)p.8: -(Nav. Collet m. 2a: +)

+ EXILIS, K.-Cl.189Ip.40: - 1895p.14: Nav. (2)p.8: -(Nav. Collet m. 2a: +)

FOLLIS, E.-Cl.189Ip.41: - 1895p.14: Nav. (2)p.7: -(Nav. trochus v. f. f. f.)

+ SCULPTA, E.-Pfitzer p.73; V.H.S. : Cl. Nav. (2)p.6: { Nav. S.; Nav. trochus; }
Nav. trochus

SERIANIS, Breb.-Cl.189Ip.40: 1895p.14: Nav. (2)p.7: -(Nav. trochus v. f. f. f.)

+ SPHAEROPORA, K.-Pfitzer p.77-3f10: V.H.S. ---, ---

Gallik, Papan: Cl.189Ip.40: Nav. (2)p.6:

ZELLENSIS, Grun.-Cl.189Ip.40: Nav. (2)p.7: -(Nav. ---)

(Navicula zellei)

ANORTHONEIS.--- (Grunow, 1888)

EXCENTRICA, Grun.1833p.10: Det.Syll.1.463: Cl. Nav. 2p.160; (Cocconeis.)

+ EURYSTOMA, Cleve Nav. 2p.166-3f12: -(Cocconeis cocconeiformis)

ANTHODISCUS.--- (Grunow, 1887)

FLOREATUS, Gro. & St.-J.Q.C.1887p.65-6f20; Notar.1837p.343;

Atlas 183f12; Det.Syll.p.1394;

APORODISCUS.--- (Rattray, 1888)

--, J.R.M.S., December, 1833:

OAMARUENSIS, Rattray.-Atlas 149f22:

(Rattrayella.)--

Ehrenbergii

v. splendens, Bn. - Sed. 2, n. 22, p. 232-23 f 7.

+ Indicus, Atlas 201 f 2-6; Q. J. m. s. 1858 p. 162.

+ Japonicus, Carp. 1891 pl. 12.

Archiamphora

a subgenus of Amphora - vide Cl. Nav. 2 p. 129: - 1893.

--, Canad. Nat., 1838p. 510-13f29: -(Arach. Ehrenbergii.)

--, Deane, in Q. J. M. S. 1838p. 33:

--, M. M. J. 1873p. 165:

--, Girard Boss. p. 13, pl. 4:

Q. J. M. S. 1858p. 195:

BARBADENSIS, A. S., Atlas 63fII; Det. Syll. p. 1313:

+ EHRENBURGII, Bailey & Harv. p. 174-9f9; Bailey Coll.: S. B. D. 11. 26-31f 256; M. D. pl. 12f12, 13; London Clay; Prit. p. 342; N. & R. S. p. 35; Q. J. M. S. 1835p. 132; Proc. Dublin Mic. Club 1835p. 4 cum icone: Can. Nat. 1838p. 510-13f29; Petit Nirod; Jan. G. p. 11-2a, f3, II; O. M. I. D. p. 265: Cl. & M. 169; Sm. Sp. T. 44; Fritsch & M. No. I; M. T. P. 4-I-7: Atlas 63fI; J. Q. C. 1835p. 177; 1836p. 306; 1837pp. 42, 63-4f4; Gran. 1834p. 13; Pant. 11. 39-19f169; 2, p. III; Brun & T. p. 63; Witt 1833p. II: Woll. pl. 9IfI; Det. S. p. 1311; Q. J. M. S. 1858p. 195: (A. japonicus, n.) ----

v. Californica, A. S., Atlas 63f3, 4; 73fI; Pant. 11. -19f170; Brun & T. p. 63; Witt 1833p. II-2f3; Woll. pl. 9If3, 4; A. M. M. J. 1891p. 1. 2142; Det. Syll. p. 1312:

v. deficiens, A. S., Atlas 147f2, 3:

v. Indica, (E.) - Pant. 11. -19f171:

(A. Indicus.)

v. Montereyana, A. S., Atlas 63f2; Woll. pl. 9If2; Det. S. p. 1312:

v. Oamaruensis, A. S., Atlas 147f1, 4:

> GIGANTEUS, Pant. 2p. III; 31 Z. -2f26; Det. S. p. 1312:

GREVILLEANUS, Harmann. - T. M. S. 1855p. 47-5f7; Atlas 63f5; 73f3; Witt, 1833p. II-2f12: Det. S. p. 1312:

+ INDICUS, E. - Abh. Ber. 1854p. 165; Mg. pl. 36f34; Gran. 1830p. 26; Prit. p. 342; M. D. pl. 42f13; Gran. 1833p. 26; Atlas 147f9; Witt 1835p. 17-3f4; J. Q. C. 1837p. 66; Brun & T. p. 63; Pant. 2p. III; Det. S. p. 1312: -(A. Ehr., var.)

vars., A. S. Atlas 63f6-10:

vars., Woll. pl. 9If6, 7, 10, 11:

JAPONICUS, Schaub. - T. M. S. 1852p. 319-24f13-21; Prit. 1852p. 24f13-21;

Bailey Coll.: Bull. Bot. Soc. Franc. 1879p. 33: (A. ornatus.) ---

JAPONICUS, E. - Abh. Ber. 1872p. 193: Cat. 1831p. XI: -(A. Ehrenbergii.)

NICOBARICUS, E. - Abh. Ber. 1854p. 165; Mik. pl. 36f35, p. 165:

M. D. pl. 42f14:

(A. ornatus.) ----

ORNATUS, E. - Abh. Ber. 1849p. 64: T. M. S. 1853p. 16; Prit. p. 342-15f13-21; Q. J. M. S. 1835p. 132; Jan. G. p. 12-1f3; I^B f5; Ent. Sp. T. 12: Gran. 1833p. 26; Proc. Dublin Mic. Cl. 1835p. 4, cum icone; Sm. Sp. T. 45; Atlas 73f4-6; J. Q. C. 1835p. 173; Pant. 2p. III; Witt 1833p. II-2f15:

Det. Syll. p. 1311: (A. japonicus & Nicobaricus; -Hemitychus)

var., A. S., Atlas 73f10:

v. Montereyana, A. S., Atlas 73f7-9: Woll. pl. 9If3, 9:

RUSSICUS, Pant. 2p. III; 3p. -15f226; Det. S. p. 1312: -(A. Simbirskianus.) -

SIMBIRSKIANUS, Pant. 3p. -15f223: Det. Syll. p. 1313: -(A. Russicus.) -

ARDISSONIA. ---- (sen. Targ. 1870)

BACULUS, Greg. - Cl. 1830p. 103; Det. Syll. p. 676:

(Syneura.) ----

CORNIGERA, Gran. - Det. Syll. p. 676:

CRYSTALLINA, K. - Gran. in V. A. S.: Cl. 1830p. 103; Det. Syll. p. 673:

(Diatoma; -Syneura.)

ARDISSONIA.-----

13

- v.bacillaris, Grun.-Cl.I380p.I08; Det.S.p.674: (Synedra b.)
- v.fossilis, Pant.2p.64-23f402: Det.S.p.674:
- v.insignis, Grun.-Cl.I380p.I08; Det.S.p.674: (Synedra i.)---
- DALMATICA, K.-Det.Syll.p.675: (Synedra.)---
- DECIPIENS, Grun. & Cl.-Cl.I380p.I08; Det.S.p.675: "
- FORMOSA, Hantzsch.-Cl.I380p.I08; Det.S.p.675: "
- FULGENS, K.-Cl.I380p.I08; Det.S.p.674: (Gomphonema; -Liomoph.; -Syn?)
- v.eximia, Grun.-Det.Syll.p.674: Hedw.I367p.4:
- v.cornigera, Grun.-Cl.I380p.I08; Det.S.p.674;
- v.gigantea, Lobarz.-Det.Syll.p.674: (Synedra g.)---
- v.Smithii, Grun.-V.H.S.pl.42f10:
- PULCHERRIMA, Hntz.-Cl.I380p.I08; Det.S.p.675: (Synedra.)-
- ROBUSTA, DeNot., Erb.Critt.Ital.I370 serie 2, No.334; Gior.Bot.Ital.
I37Ip.95; Hedw.Vol.I0p.42; Breb.Ver.p.9,f7; Det.S.p.675: (Synedra.)
- SUPERBA, K.-Grun., Cl.I380p.I08; Det.Syll.p.674: (Synedra.)---
- v.minor, Grun.-Cl.I380p.I08; Det.S.p.675:
- VANHEURCKII, Brun.-DeToni Syll.p.676: (Synedra.)----

ARISTELLA.----- (Kz, 1833)-

- MINUTA, K.Syn.p.563,f42; (Arist. crinita; -Gomphonema ~~min.~~)

ARTHRODESMUS.--- (Chr., 1840)-

- STRIATULUS, E. ~~Mik.~~ Ber. I34Op. : (Gomphonema ~~striatulus~~ *Stromi* var. p.)

ARTHROGYRA.----- (Chr., 1840) ⁵³

- GUATHALENSIS, E. ^{p.363} Mik. pl.33-6f1; Prit.p.332; M.D.pl.42f3:
Det.Syll.p.I370: (Melosira.)----
- SEMILUNARIS, E. ^{p.363} Mik. pl.33-6f2; Prit.p.332; Det.S.p.I370: -(Melosira.)--

ASTERIONELLA.-- (Hassall, 1845.)-

- , Lewis, N. & R.S.p.63-2f10:
- , *Amed.* Nat. I368p.510-I3f17:
- BLEAKLEYI, S.B.D.2p.32; T.M.S.I360p.I50-7f10; Prit.p.779; N. & R.S.p.
63-2f9; Grun.I362p.403; Carr.p.3I; R.E.D.p.I42; Hull; V.H.S.p.I54-
52f1; Malaisie; Villef.p.65; Wollé pl.46f7; Det.Syll.p.679:
(A.formosa, var., & notata.)
- v.notata, Grun.-Hedw.I367p.2: -(A.notata.)
- CLEVELANA, O'M.-M.J.I374p.259-3f6; Det.S.p.679:
- FORMOSA, Hassall Mic.Ex.p.I0; S.B.D.2p.3I; T.M.S.I360p.I49-7f3; R.E.
D.p.I4I,f42a; Prit.p.779-4f17; Grun.I362p.403; Leib.p.63-3f20; M.D.
pl.43f14; Carr.p.3I; Hull; Macdonald pl.I0f9; Sm.Sp.7.45; Brun Al.
p.I27-If12; Lake Michigan; Italy; Delogne; V.H.S.p.I54-5If19,20; Cl.
I39Ip.63; Wollé pl.3If16; Herib.p.I42; Det.Syll.p.673:
(A.Bleakleyi & Ralfsii.)
- v.gracillima, Hntz.-V.H.S.p.I54-5If22; T.No.345; Wollé pl.43f4,3;
A.M.M.J.I39Ipl.If13; Herib.p.I42: (A.gracili) - (Diatoma.)----

Spathulifera, Cl. - Ofvers. Sv. Vet. Ak. Forh. 1897 p. 101:
Cl. 1897 p. 19:

affinis,

" *v. punctifera*, Grove. - atlas 202 f 18:

Barboi, Bn. - Ld. 2. n. 22 p. 232-24 f 13:

-
- * *v. inflata*, Heib.-Grin., V.H.S. p. 154-51f25; (A. inflata.)
- * *v. subtilis*, Grin., V. I. S. pl. 51f2f; Wollé pl. 46f2;
- * *v. subtilissima*, Grin.-V. I. S. pl. 51f24; Wollé pl. 46ff;
- FRAUENFELDII, Grin. 1333p. 140-141f3; 1333p. 4: R.E.D. p. 142; Cl. Vega p. 12: D.T.S. p. 3306 *Syneura thalassiothrix*; -*Thalassiothrix nitzei* (Lass.)
- GLACIALIS, Castr. 1337p. 50-141f; Notar. 1339p. 333; D.T.S. p. 379;
- GRACILLIMA, Heib. p. 33-3f19; Schim. 1337p. 5f; R.E.D. p. 141; Cl. Vega p. 75: Castr. 1337p. 51-25f6; D.T.S. p. 373: -(A. formosa, v.: -*Diatoma*.)-
- INFLATA, Heib. p. 39-3f2f; R.E.D. p. 141; D.T.S. p. 379: (A. formosa, var.: -*Diatoma*.)
- KARIANA, Grin.-Cl. 1330p. 110-3f12f; V. I. S. pl. 52f4, 5; Cl. Vega p. 434; Malaisie; D.T.S. p. 379:
- NOTATA, Grin.-V. I. S. pl. 52f3; Wollé pl. 46f3; D.T.S. p. 379: -(A. Bleakleyi.)
- RALFII, S.B.D. p. 31; Bailey M.O. p. 39; T.M.S. 1330p. 150-7f9; Prit. p. 779-4f13; Grin. 1332p. 403; Castr. p. 31; R.E.D. p. 141, 142b; 111; S. Sp. 1. 47; V.H.S. pl. 52f2; Wollé pl. 46f5, 3; D.T.S. p. 373; (A. formosa, v.: -*Diatoma stellare*.)
- ROPERII, Deby Coll. Photogr.: D.T.S. p. 379; Delogne:
- SYMPLEDRALFORMIS, Grev.-A.M.N. 1. 1335p. 4-5f5, 6; D.T.S. p. 379: (*Thalassiothrix frauenfeldii*.)

ASTERODISCUS. -- (Johnson, 1852)

- JOHNSONI, Rafles.-Prit. p. 339; D.T. Syll. p. 1420: -(A., species Jonesi.)----
- NONARIUS, Johnston.-A.J.S. 1352p. 33; Prit. p. 339; (A. Johnsoni.)--
- QUINARIUS, Johnston.-A.J.S. 1352p. 33; Prit. p. 339: -"
- SENARIUS, Johnston.-A.J.S. 1352p. 33; Prit. p. 339; "

ASTEROLAMPRA. -- (Chr., 1844)

- , Rabh. E.D. p. 35:
- , Brun & T. p. 17-3f5: -(A. Grevillei.)
- ADRIATICA, Grin.-Rattr. Rev. p. 634: (A. vulgaris, v.: & *Marylandica*.)
- AMULANS, Grev.-T.M.S. 1332p. 52-3f34, 35; Rattr. Rev. p. 639; Atlas, 137f13; D.T. Syll. p. 1402;
- AFRINIS, Grev.-T.M.S. 1332p. 55-7f7-9; Atlas 137f4, 3, 17; Rattr. Rev. p. 649; D.T. S. p. 1403;
- ALIENA, Grev.-T.M.S. 1332p. 55-3f43; Rattr. Rev. p. 635; D.T. S. p. 1399;
- AMBIGUA, Grev.-T.M.S. 1332p. 54-3f42-45; Rattr. Rev. p. 635; D.T. S. p. 1399;
- ARACHNE, Grev.-T.M.S. 1330p. 123; Atlas 137f27: (*Asteromphalus* (*Spatangium*) *a. arachne*.)-
- BALEARICA, Cl.-M.L.K.D. p. 20-5f59; Rattr. Rev. p. 640; D.T. S. p. 1402;
- BEAUMONTII, Grev.-T.M.S. 1330p. 115: (*Asteromphalus*.)-
- BREBISSONIANA, Grev.-T.M.S. 1330p. 114-3f9; Prit. p. 339; Wollé pl. 90f7; Rattr. Rev. p. 643; D.T. S. p. 1404;
- BRIGITTELLIANA, Grev.-T.M.S. 1332p. 43-3f26, 27; Rattr. Rev. p. 645; Atlas 137f15; D.T. S. p. 1405: -(*Craspedoniscus semipennis*.)---
- BROOKII, Grev.-T.M.S. 1330p. 119-4f18; S. Sp. 1. No. 43; Wollé pl. 90f6; (*Asteromphalus*; -*Actinopterna*, species n. l. t. c.)

marginata,

" v. curvilineata, Br. - Le D. 2, No. 22 p. 232-24 f. 4:

Marylandica, vide Muller in Abh. Ber.
1841 p. 232-6 f. 4 without name; Teste
Rathay. -

- CONCINNA, Grev.-T.M.S. I362p.46-7f10-12; Atlas I37f13: Rattr. Rev. p. 646; Carp. I331p.1f2; Del. Syll. p. I406:
- CRENATA, Grev.-T.M.S. I362p.47-8f14-16; Rattr. Rev. p. 645; Del. S. p. I406:
- DALLASIANA, Grev.-T.M.S. I360p.115-4f10; Grm. I333p.103; Rattr. Rev. p. 643; Atlas I37f13; Del. S. p. I404; (Asteromphalus)---
- DARWINII, Grev.-T.M.S. I360p.116-4f12, 13; Woll. pl. 93f13, 9:
- var., Castr. I337p.136-13f9;
- DECORA, Grev.-T.M.S. I362p.45-7f4-6; Rattr. Rev. p. 650; Del. S. p. I409;
- var. concentrica, Rattr., Rev. p. 651; Del. S. p. I409;
- DECORATA, Grev.-T.M.S. I362p.46-7f13; Rattr. Rev. p. 647; Del. S. p. I407;
- var. japonica, Br.-Bran I391p.10-13f7; Del. S. p. I407:
- DUBIA, Grev.-T.M.S. I362p.54-7f41; Grm. I333p.103; Rattr. Rev. p. 650; Del. Syll. p. I399:
- ELEGANS, Grev.-T.M.S. I360p.113-4f13; Woll. pl. 93f11:
- (Asteromphalus);
- EXIMIA, Grev.-T.M.S. I365p.99-3f10; Rattr. Rev. p. 643; Del. S. p. I405:
- FLABELLATA, Grev.-T.M.S. I360p.116;
- (Asteromphalus; -Spatangidium f. & peltatum.)
- GREVILLEI, Wallich, T.M.S. I360p.113-4f12; Prit. p. 336; Perag. p. 75;
- Rattr. Rev. p. 644; Woll. pl. 81f5; Del. S. p. I405; (Asteromph.)---
- var. Adriatica, Grm.-V. A. S. pl. 127f12; Italy; Vill. f. p. 74; (Asteromph.)---
- var. eximia, Castr., I337p.136-3f5; Vill. f. p. 74; (Asteromph.)---
- HEPTACTIS, Grev.-T.M.S. I360p.112;
- (Asteromph.: -Spatangidium h. & Raflesianum.)
- HEXACTIS, E.-Abh. Ber. I372p.1.9f1, 2; (Asteromph.)---
- HILTONIANA, Grev.-T.M.S. I360p.117-4f15; Sm. Sp. 1.49; Woll. pl. 81f1;
- A.M.M.S. I391p.1.2f43; (Asteromphalus.)---
- HOOKERI, Grev.-T.M.S. I360p.114; -(Asteromph. Bichii, Cuvieri, Humboldtii h.)-
- IMBRICATA, Grev.-T.M.S. I360p.119-4f17; (Asteromphalus)
- IMPAR, Shadb.-T.M.S. I354p.17-1f14; -7 Rays; (Asteromph.)---
- KITTONIANA, Grev.-T.M.S. I362p.53-3f39; Rattr. Rev. p. 637; Del. S. p. I400:
- LAEVIS, Grev.-T.M.S. I362p.51-3f33; Rattr. Rev. p. 641; Del. S. p. I403;
- MARGINATA, Grev.-T.M.S. I362p.50-3f30; W. & C. 2p. 7-5f7; Del. S. p. 1.10f16; Atlas I37f22; Rattr. Rev. p. 634; Del. Syll. p. I393;
- (Asteromph., var. minor: -Craspedodiscus.)---
- var. minor, W. & C. 2p. 7-5f3; (Asteromph.)
- MARYLANDICA, E.-Abh. Ber. I344p.73, f10; A.S.S. I345p.1.4f"B": U.S.A. p. I29; V.S. I350p.94-5f10; T.M.S. I360p.47-2f15, 15; p. I03-3f1-4; I362p.44-7f1-3; Prit. p. 336-11f33; M.D. pl. I9f5; Castr. Rep. I374, f4; Cl. Java p. 5; J.Q.C. I335p.172; I337p.33; Malaisia; Atlas I37f19-21; Perag. p. 75; Vill. f. p. 75; Rattr. Rev. p. 641; Woll. pl. 93f1, 4, 5, 6; Pant. 2p. 110; Del. Syll. p. I403;
- (Asteromph., var. concentrica, impar, peltata, septentrionalis, etc.)
- var. "b", Wallich.-T.M.S. I360p.43-2f13; Rattr. Rev. p. 642;
- var. "g" ramosa, Wallich.-T.M.S. I360p.43-2f14; Rattr. Rev. p. 642;
- var. appropinquans, Grm.-Rattr. Rev. p. 642;

7 Stellaris, Bn. + T. - Atlas 202 f 13:

+ vulgaris, Atlas 202 f 14 - 16:

- * v. *Aisonia*, *Castr. Med.* 1374p. 31, f3; 1375p. 393-3f4; (A. *Marylandica*.) ---
 * v. *fossilis*, *Pant.* 2p. III:
 * v. *major*, *Perag. Villef.* p. 74: (A. *Marylandica*, "b".) -
 MORONENSIS, *Grev.* -T.M.S. 1333p. 230-9f3; *Wolle* pl. 31f2;
Atlas 33f24: (Asteromphalus.) ---
 NICOBARICA, *Gr.* -V.H.S. pl. 127f7; *Rattr. Rev.* p. 339; *Det. S.* p. 1402:
 PELAGICA, *E.* -Abh. *Ber.* 1341pl. 3f4p. 232; 1354p. 233; -(A. *Marylandica*.) ---
 PRINCEPS, *Rattr. Rev.* p. 344; *Det. Syll.* p. 1405: -(A. *Grevillei*, v. *eximia*.)
 PULCHRA, *Grev.* -T.M.S. 1332p. 53-3f37, 33; *Rattr. Rev.* p. 339;
Det. Syll. p. 1401: -(A. *Weissflogii*.) ---
 PUNCTATA, *Grev.* -T.M.S. 1332p. 51-3f32; *Rattr. Rev.* p. 340; *Det. S.* p. 1402;
 RAFFESIANA, *Grev.* -T.M.S. 1332p. 50-3f31; *Atlas* 137f14; *Rattr. Rev.* p. 335;
Wolle pl. 31f3; *Det. Syll.* p. 1393:
 ROPERIANA, *Grev.* -T.M.S. 1330p. 119-4f14;
 (Asteromphalus; -*Mesasterias Abyssii*.) ---
 ROTULA, *Grev.* -T.M.S. 1330p. III-3f5; *Prit.* p. 333; *Castr. Med.* 1372p. 31;
 1375p. 393-3f3a; *Rattr. Rev.* p. 343; *Wolle* pl. 95f10; A.M.M.S. 1391pl.
 2f47; *Det. S.* p. 1404: (A. *Grevillei*, v. *Auratiaca*)
 RYLANDSIA, *Grev.* -T.M.S. 1332p. 49-3f23, 29; *Rattr. Rev.* p. 343; *Atlas*
 137f3, 9; *Det. S.* p. 1408;
 SARCOPHAGUS, *Grev.* -T.M.S. 1330p. 124: (A'omph.) -
 SCUTULA, *Grev.* -T.M.S. 1332p. 52-3f47; *Rattr. Rev.* p. 339; *Det. S.* p. 1401:
 SEPTENARIA, *Johnston.* -A.J.S. 1351p. 33: -(A. *Marylandica*; -*Actinogramma*.) -
 SHADBOLDIANA, *Grev.* -T.M.S. 1330p. 121-4f19; (A'omphalus.) -
 SIMULANS, *Grev.* -T.M.S. 1332p. 52-3f36; *Rattr. Rev.* p. 333; *Det. S.* p. 1401;
 SPLENDIDA, *Rattray, Rev.* p. 343; *Det. S.* p. 1407: -(A. *vulgaris*, "e".)
 STELLA, *Norman*, T.M.S. 1331p. 6-2f1; -(*Stelladiscus*.)
 STELLATA, *Grev.* -T.M.S. 1330p. 124-4f20: (Asteromphalus.) ---
 STELLULATA, *Grev.* -T.M.S. 1332p. 54-7f40; *Rattr. Rev.* p. 333;
Det. Syll. p. 1400:
 TENERRIMA, *Rattray, Rev.* p. 349-3f13, 20; *Det. S.* p. 1403;
 TRADUCENS, *Rattray, Rev.* p. 339-3f22; *Det. S.* p. 1400:
 URASIER, *Gr.* & *St.* -J.Q.C. 1337p. 143-13f42; *Rattr. Rev.* p. 343;
Det. Syll. p. 1407; *Notar.* 1888p. 465:
 VARIABILIS, *Grev.* -T.M.S. 1330p. III-3f3-3; *Prit.* p. 333; *Wolle* pl. 95f2;
 (Asteromphalus.) ---
 VANHEURCKII, *Br.* -*Brin* 1391p. 10-14f1; *Det. S.* p. 1403;
 + VULGARIS, *Grev.* -T.M.S. 1332p. 47-7f17-20; J.Q.C. 1337pp. 42, 50-41
 10; *Atlas* 137f10, 12; *Rattr. Rev.* p. 343; *Det. S.* p. 1406: -(Asteromphalus.) -
 * var., A.S., *Atlas* 137f11:
 * var. "a", *Grev.* -
 * var. "b" *Grev.* -T.M.S. 1332p. 47-7f21; *Rattr. Rev.* p. 347: -(A. *vulgaris*.)
 * var. "c" *planior*, *Grev.* -T.M.S. 1332p. 47-7f22; *Rattr. Rev.* p. 347;
Det. Syll. p. 1407:
 * var. "d" *cellulosa*, *Grev.* -T.M.S. 1332p. 47-7f23; 3f24; *Rattr. Rev.*
 p. 347; *Det. S.* p. 1407:
 * var. "e", *Grev.* -T.M.S. 1332p. 47-7f25: (A. *splendida*.) ---
 WALLICHIANA, *Grev.* -T.M.S. 1330p. 115-4f11: (Asteromphalus.) ---

7 atlanticus, Cl.: R.S. Ak. Rep. 22 (3) left 4 p. 5: cl. 1897 p. 19:
Gran h. E. pl. 4 f 63:

WEISSBLOGII, Grun., V. 1. S. pl. 127 f9; Pelletan, Vol. 1, p. 205, f112; Vol. 2, p. 170, f427; Rattr. Rev. p. 651; DeT. Syll. p. 1409; (A. pulchra, v. 3) -

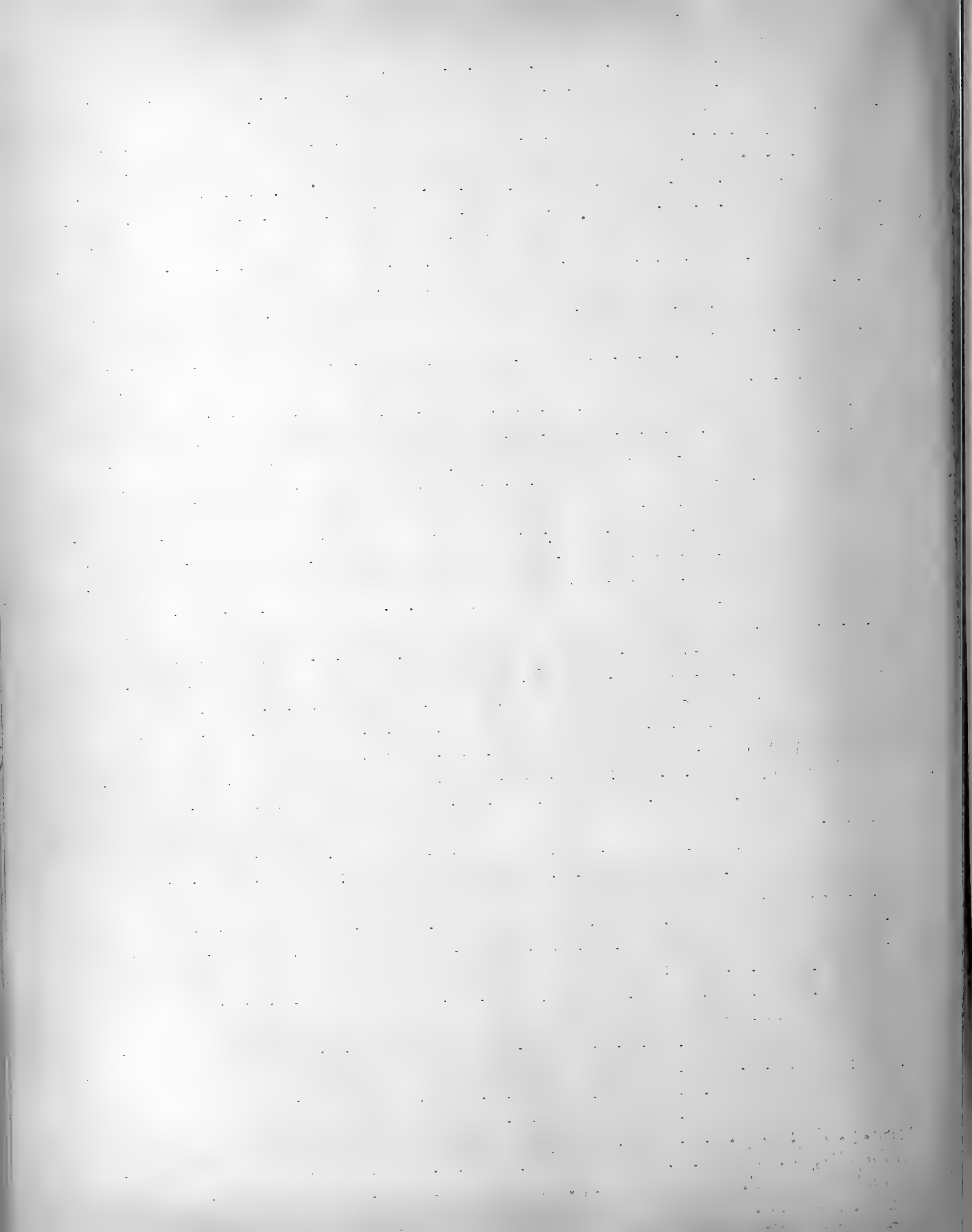
ASTEROMPHALUS. - (Chn., 1844)

- , L.W.B., Amer. Nat. 133p. 510-13 f24; -(A. hiltoniana.)
- AMARCTICUS, Castr. 1337p. 135-13 f11; Notul. 1339p. 745; DeT. S. p. 1413;
- ARACINE, Breb. - Prit. p. 337-5 f33; Jan. Gu. p. 14-18, f13; 2b, f13; Atlas 33 f3, 4; M.T.P. 4-5-3; Cl. Vega p. 514; Villef. p. 75; wolle pl. 31 f4; Rattr. Rev. p. 665; DeT. S. p. 1417; (Spatangidium: - (A'lampra.: - Excetron caneroides; - A. malleus & malleiformis.)
- BEAUMONTII, E. - Abh. Ber. 1344p. 200, f5; K.S.A. p. 130; Prit. p. 337; Jan. Gu. p. 12-2b, f20; M.D. pl. 43 f15; Rattr. Rev. p. 653; DeT. S. p. 1412; (A'lampra. heptactis & B.) ---
- BRAUNII, Jan. - Gu. p. 14-2b, f33; Rattr. Rev. p. 667; DeT. S. p. 1419;
- BREBISSONII, Jan. Gu. p. 15-2b, f24; Rattr. Rev. p. 666; DeT. S. p. 1419; (Asterolampira.) ---
- BROCKEI, Bailey. - A.J.S. 1353p. 2-111; Prit. p. 337-5 f79; Cl. 1373p. 10-4f 19; Atlas 33 f9, 21-23; Carp. 1331 pl. 1 f4; Brin & T. p. 33; Mobile; Rattr. Rev. p. 657; Italy: DeT. S. p. 1412; (Actinogramma; - Asterolampira.) -
- " v. robusta, Castr. - Rattr. Rev. p. 658; DeT. S. p. 1412; -(A. robustus.) -
- BRUNII, Pant. 3p. - 21 f309; DeT. S. p. 1419;
- BUCHII, E. - Abh. Ber. 1344p. 200, f4; K.S.A. p. 130; (A. Hookeri.) ---
- CENTRSTER, Johnston. - M.J. 1350p. 12-1 f10; T.M.S. 1350p. 124; Prit. p. 333-3 f14; Rattr. Rev. p. 654; DeT. S. p. 1410;
- CHALLENGERENSIS, Castr. 1337p. 134-5 f2; 9 f2; DeT. Syll. p. 1413; (A. Kinkeri & Hungaricus.)
- CLEVEANUS, Grun. - Atlas 33 f13, 14; Rattr. Cose. p. 662; DeT. S. p. 1415; Malaisie; (A. Wallichianus, v.) ---
- CLEVEI, Grun. - Cl. & M. Nos. 145; 143; ^{sub}
- COHNII, Jan. Gu. p. 13-2b, f23; Rattr. Cose. p. 667; DeT. S. p. 1419;
- CUVERI, E. - Abh. Ber. 1344p. 200, f7; Mik. pl. 35A-2 f1; K.S.A. p. 130; Jan. Gu. p. 13-2b, f21; (A. Hookeri.) ---
- DALLASIANUS, Grev. - Ralfs, Prit. p. 336; (A'lampra.) ---
- DARWINII, E. - Abh. Ber. 1344p. 200, f1; K.S.A. p. 120; Prit. p. 339-5 f33; Rattr. Cose. p. 663; Atlas 33 f16; DeT. S. p. 1415; -(A. Rossii: - Asterolampira.)
- DEBYI, Pant. 3p. - 21 f305; DeT. Syll. p. 1419;
- DENARIUS, Jan. Gu. p. 13-2b, f22; Rattr. Cose. p. 666; DeT. S. p. 1419;
- ETREMBERGII, Jan. Gu. p. 13-2b, f27; Rattr. Cose. p. 667; DeT. S. p. 1419;
- ELEGANS, Grev. - M.J. 1359p. 131-7 f3; T.M.S. 1350p. 46-2 f10; Prit. p. 337-5 f37; Jan. Gu. p. 13-1a, f10; Atlas 33 f1, 2; Fortm. Cey. p. 71; Cl. Vega p. 514; Rattr. Cose. p. 660; DeT. S. p. 1413; (A. rarus; - A'lampra.)
- FLABELLATUS, Breb. - Grev., M.J. 1359p. 130-7 f4, 5; Prit. p. 337; Jan. Gu. p. 13-2b, f25; Atlas 33 f10-12; Petit Cat. p. 40; Italy: wolle pl. 31 f3; Cl. Java p. 5; 1373p. 13; Vega pp. 504, 510; Perag. p. 76; Rattr. Rev. p. 662; Malaisie; DeT. S. p. 1414; -(Asterolampira (Spatangidium) f. & peltatum.) ---
- " v. Tergestina, Grun. - V.H.S. pl. 127 f5, 6; (A. flabellatus)
- GREVILLEI, Wallich. - T.M.S. 1350p. 47-2 f15; (A'lampra.) ---

+ heptactis, atlas 38 f5-8: cl. 1897 p. 19:

* Nankooensis, Grevillea Vol. 1 p. 92-6 f9:

- GROVEI, Pant. 3p. -2ff356; Det. Syll. p. I4I9:
 HEPTACTIS, Breb. -Raf. Prit. p. 333-3f2I; Rattr. Cosc. p. 334; Det. Syll. p. I4I6: -
 A. Beaumontii; -A'lampra; -Spatangidium h. & Raf. (Siam.) --
 HILTONIANUS, Grev. -Raf. Prit. p. 337; Fortm. Cey. p. 7I; Rattr. Cosc. p. 333; Det. S. p. I4I4: (Asterolampra.)
 HOOKERI, E. -Abh. Ber. I344p. 200, f3; M. pl. 35A-2If2; K. S. A. p. I29; Prit. p. 336-IIIf34; M. D. pl. I9f2; Cl. Vega p. 437; Rattr. Cosc. p. 355; Det. Syll. p. I4IO: (A. Bichii, Cuvier & Humboldtii.) --
 HUMBOLDTII, E. -Abh. Ber. I344p. 200, f3; M. pl. 35A-2If3; K. S. A. p. I30; Jan. & R. p. 4-3fII; Atlas 33fI3-20; Malaisia: -(A. & A'lampra Bonati.) --
 HUNGARICUS, Pant. 2p. III; 3p. -30f433; 3If45I; (A. Challengeris.) --
 Det. Syll. p. I4I9:
 IMBRICATUS, Wallich. -T. M. S. I360p. 46-2f9; Prit. p. 337; Rattr. Cosc. p. 36I; Det. S. p. I4I4: (A'lampra.) ----
 ' var. "b" rectiradiata, Wall. -T. M. S. I360p. 46; Rattr. Cosc. p. 36I:
 ' var. "g", Wallich. -T. M. S. I360p. 46:
 IMPAR, Cleve Vega p. 504: (A. Marylandicus.) ---
 KINKERI, Pant. 3p. -24f357; Det. S. p. I4I9: (A. Challengeris.) ----
 KUSNETZKIANUS, Pant. 3p. -26f333;
 MALLEIFORMIS, Wall. -Rattr. Cosc. p. 504; -A. malleri: -Error in pl. explic.
 MALLEUS, Wallich. -T. M. S. I360p. 47-2fII: -(A'lampra. & Spatang. arachne.) -
 MARYLANDICUS, Fortm. Cey. p. 7I: (Asterolampra.) -
 MORONENSIS, Grev. -Atlas 33f24; Rattr. Cosc. p. 359; Pant. 2p. III:
 Det. S. p. I4I2: (A'lampra.) ----
 NANKOORENSIS, Grun. I363p. I04-Ia, f22; Rattr. Cosc. p. 365; Det. S. p. I4I7;
 ' v. minor, Grun. -V. H. S. pl. I27fI3: (A. Nank.) ----
 OVATUS, Castr. I337p. I32-5f7; Notul. I339p. 745; Det. S. p. I4I3:
 PRINGSHEIMII, Jan. Gu. p. I3-2b, f25; Rattr. Rev. p. 366; Det. S. p. I4I9: -
 RALFSIANUS, Norman. -Atlas 33f5-3; M. T. P. 4-3-6: (A. heptactis.) --
 RARUS, Rattray Cosc. p. 364; Det. S. p. I4I6: (A. elegans, v.) --
 RETICULATUS, Cl. Java p. 5-If2; V. H. S. pl. I27fII; Rattr. Cosc. p. 363;
 Det. S. p. I4I5;
 ROBUSTUS, Castr. Med. I375p. I. 6f5; Villef. p. 75-2fI5: (A. Brookii, v.) ----
 ROPERIANUS, Grev. -Raf. Prit. p. 333; Atlas 33fI5; Rattr. Cosc. p. 357;
 Det. S. p. I4II: (Asterolampra.)
 ' v. Atlanticus, Castr. I337p. I33-5f3; Not. I339p. 746; Det. S. p. I4II:
 ' v. sexradiatus, Schultze. -T. B. C. I337p. 96 cum icone; Notul. I339p. 349; Det. Syll. p. I4II:
 ROSSII, E. -Abh. Ber. I344p. 200, f2; M. pl. 35A-2If4; K. S. A. p. I30;
 (Asterolampra.) ----
 SARCOPHAGUS, Wallich. -T. M. S. I360p. 47-2fI2; Prit. p. 333; Rattr. Cosc. p. 366; Det. S. p. I4I6: (Asterolampra.)
 SENECTUS, Brun & T. p. I7-3f2; Det. S. p. I4I5: 23If7: -(A. Moronensis, v. S. 34f2: -
 SHADBOLDTIANUS, Grev. -Raf. Prit. p. 333; Atlas 33fI7; I37f2; Rattr. Cosc. p. 353; Det. S. p. I4II: (A'lampra.) ----
 STELLARIS, Brun & T. p. I7-3fI; Det. Syll. p. I4I3: (A. Marylandicus, v.) ---
 STELLATUS, Grev. -Raf. Prit. p. 333; Rattr. Cosc. p. 360; Det. S. p. I4I6;
 (Asterolampra.)



VARIABILIS, Grev.-Rattr.Cosc.p.355: Del.Syll.p.I410: -(Asteroblanipra.)--
 WALLICHIANUS, Grev.-Ralfs,Prit.p.337; Cl.Java p.5-If1; Fortm.
 Cey.p.71; Brun & T.p.63; Rattr.Cosc.p.355: Del.Syll.p.I410:
 (A'lampra.; -A.Cleveanus.)
 WYVILLI, Castr.I337p.I34-5f6; Notar.I339p.745; Del.S.p.I413:
 WYVILLE-THOMPSONIANUS, O'M.-J.L.S.I375p.57-If5; Rattr.Cosc.p.359;
 Del.Syll.p.I413:

ATHEYA. ----- (Mack, 1860.)-

DECORA, ~~Wass.~~ -T.M.S.I360p.I53-7f15; Prit.p.333-3f35; R.E.S.p.322; M.
 D.pl.42f39; Carr.p.96: Sm.Sp.T.50; LeD.No.9,p.I06-I3f14; Del.S.p.
 770: (Navicula hyalosira.)----
 ' v.hyalina, Perag.-LeD.No.9p.I06; (A.hyalina.)
 ' v.minuta, Perag.-LeD.No.9p.I06; (A.minuta.)
 HYALINA, Perag.-DeToni,Syll.p.322: (A.decora,v.)--
 MINUTA, Perag.-DeToni Syll.p.322: (A.decora,v.)-
 ZACHARIOESI, Brun. - LeD, vol.2 No.19p.148; Bicol. Cl. 1894, No.2.

AULACOCYSTIS. -- (Hassall, 1844.)-

PELLUCIDA, Hassall Alg.p.427-I02f3; (Navicula; -Amphipleura.)-

AULACODISCUS. -- (Ehrh., 1844.)-

--, A.S.,Atlas I24f10: --, I33f7:
 --, A4S.,Atlas I43f6,7: --, I53f2:
 ACUTUS, Rattr.-J.R.M.S.I333p.363: J.Q.C.I339p.33-3f4; Del.S.p.III7:
 Pant.2p.I01-3f149;
 ADONIS, Brun & T.p.I3-3f10: Del.S.p.I099:
 AFFINIS, Grun.-Atlas 34f9,I0; J.R.M.S.I333p.359; Del.Syll.p.III0:
 Pant.Ip.57; 2p.I01; (A.Lunyacksekii, ~~Major~~.)-
 ' v.comitata, Rattr.-J.R.M.S.I333p.360: Del.S.p.III0:
 ' v.Lunyacksekii, Pant.-J.R.M.S.I333p.360; Del.S.p.III0: -(A. ~~Lunyacksekii~~)

AFRICANUS, Cottam.-J.Q.C.I373p.I2f1-3,6: M.M.J.I375p.252:(A.Witt.,v.)
 AMOENUS, Grev.-T.M.S.I364p.I0-If5; J.Q.C.I335p.I71; Atlas I46f4; J.
 R.M.S.I333p.357; Malaisie; Brun & T.p.69; Del.S.p.II03: "41f13:
 (A.angulatus,v.Jap.: -A.pellucidus.)----
 ' vars., A.S.Atlas 34f6; -(A.amoenus). --, 41f5;
 ' vars., A.S.,Atlas I57f6: --, Brun & T.p.69:
 ' v.hungarica, Pant.Ip.57-2f15; J.R.M.S.I333p.353; Pant.2p.I01;
 Notar.I333p.312; Del.S.p.II03:
 ' v.minor, Gro.& St.-J.R.M.S.I333p.353; Del.S.p.II09:
 ' v.sparsa-radiata, Gro.& St.-J.Q.C.I337p.9; Atlas pls.I33f4-6;
 I34f7: (A.amoenus.)
 ' v.subdecora, Rattr.-J.R.M.S.I333p.353-7f5; Del.S.p.II09:
 ' v.tumida, Pant.Ip. -2f12:
 ANANINENSIS, Pant.2p.I01-2f309; Del.Syll.p.II29:

- ANGULATUS, Grev.-T.M.S. I333p.7I-4fI5; Atlas 34f7,3; I05f2; I07f7,5; I6If4; J.Q.C. I335p. I76; I337pp.9,76; J.R.M.S. I333p.347; Brun & T. p.69; Det.Syll.p.I093:
 * v. Hungarica, Rattr.-J.R.M.S. I333p.347; Not. I333p.3I4; Det.S.p.I093: (A. Hungaricus).
 * v. Japonica, Brun & T. p. I3-3fI4: (A. amoensis.)---
 * v. Neogradensis, Pant. Rattr., J.R.M.S. I333p.347; Not. I333p.3I5; Det.S.p.I093: (A. N. & subangulatus.)---
 * v. plana, Rattr.-J.R.M.S. I333p.348; Det.S.p.I099:
 ANTHOIDES, A.S., Atlas I03fI; J.R.M.S. I333p.357; Det.S.p.II07:
 ANTIQUUS, Pant. 2p. I0I-I3f29I; Det.S.p.II29:
 APEDICELLATUS, Rattr.-J.R.M.S. I333p.349; Atlas I03f4; Pant. 2p. I0I; Det.S.p.II00:
 ARCANGELSKIANUS, Witt I335p. I3-6fII, I2; Atlas I0If7-II; Pant. Ip. 60-I0f33; J.R.M.S. I333p.356; Det.S.p.II06:
 AREOLATUS, O'M.-M.J. I373p. I04: (A. Rogersii.)--
 ARGUS, E.-Atlas I07f4; J.R.M.S. I333p.373; Woll. pl. 30fII; Malaisie: Det.S.p.II2I: Eupodiscus, etc.,;)
 ASIATICUS, Br.-Atlas I53fI; I69f2,2a; Det.S.p.II33;
 * v. vallonea, Brun.-Atlas I69f3,4; Det.S.p.II33;
 AUMLANDICUS, Grun.-Atlas 4If3; J.R.M.S. I333p.334; Det.S.p.III4; Malaisie:
 * v. late-inflata, Rattr.-J.R.M.S. I333p.365; Det.S.p.III4;
 ATTENUATUS, Rattr.-J.R.M.S. I333p.356-5f2; Det.S.p.II07:
 BARBADENSIS, Ralfs, Prit. p.939; Atlas I43f5; J.R.M.S. I333p.346; Det.S.p. ~~1095~~ 1095: (A. notatus.)---
 BEEVERIAE, Johnston.-Prit. p.344-6f5; Atlas 36fI2; Cl. Vega 1.509; J.R. C. I337p.9; J.R.M.S. I333p.340; Det.S.p.I092: (A. Rattei.)---
 * v. Ceylanica, Grun.-J.R.M.S. I333p.340; Det.S.p. ~~1092~~ 1092: (A. Comberi, v.)---
 BOLIVIENSIS, Brev.-Prit. p.343: (A. formosus.)-
 BORYANUS, Pant. 2p. I0I; 3p. 2. -3f43; Det.S.p.II3I:
 BRIGHTWELLII, Ralfs, Prit. p.343: (A. formosus.)--
 BRIGHTWELLI, Jan. G. p. I5-2f7; Girard Moss. p. I4, pl. 4; Atlas 36f3,9:
 BROWNEI, Norman.-Prit. p.344; Atlas 36fI5, I6; I05f6; J.R.M.S. I333p. 34I; Woll. pl. 33fI0; Det.S.p.I093;
 BRUNII, A.S., Atlas I57f5; I69fII; Det.S.p.II33;
 CALIFORNICUS, Bailey.-Woll. pl. 33f5; Det.Syll. p. II33:
 CARRUSHUSII, ---Error in print:--A. Carruthersianus.
 CARRUTHERSIANUS, Gro. & Kitt. in J.R.M.S. I333p.364-5f7; Atlas I46fI; Det.S.p.III4;
 CALENARIUS, Witt.-Atlas I05f2; I05f3:-(A. margaritaceus, v. Vinkler.)---
 CELLULOSUS, Gro. & St.-J.Q.C. I337p. I40; Atlas I24f2; Not. I337p.346; Det.S.p.II00:
 CHASEI, Pant. Ip. 57-29f294; J.R.M.S. I333p.362:-(A. ~~Caryocarpus~~ Chasei, v.)---
 CINCTUS, Grev.-Rattr., J.R.M.S. I333p.355; Det.S.p.III5:-(A. inflatus, v.)
 COMBERI, Arn.-Prit. p.344; Cl. & M. 279; Atlas 25fII; I03f5; J.R.M.S. I333p.34I-7f7; Det.Syll. p. I094: (A. Hooirshawii, Mulleri, Beeveriae, v.)-

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- * v. Ceylanica, Grun.-Cl. & M. 273; Vepa p. 509; (A. Comberi.)--
 * v. irregularis, Rattr.-J.R.M.S. 1333p. 342-6f5; Det. S.p. 1094;
 * v. Oamaruensis, Gro. & St.-J.Q.C. 1337p. 3, 140;
 COMPACTUS, Rattr.-J.R.M.S. 1333p. 354-5f3; Det. S.p. 1105;
 CONCINNUS, Kitchm.-J.R.M.S. 1333p. 374-5f4; Pant. 2p. 101-6f III;
 Det. S.p. 1123;
 CORNUTUS, Br.-Atlas 170f2, 2a; Det. S.p. 1133;
 CONVEXUS, J.Q.C. 1337p. 140-12f32; -(A. Rattrayi, v. convexus.)---
 CORONATUS, Gro.-J.R.M.S. 1333p. 379; Det. S.p. 1127;
 CRATER, Brun & T.p. 19-4f5; Atlas 153f4, 5; Det. S.p. 1123;
 (Tschestnovia mirabilis.)---
 CRUCIFER, A.S., Atlas 41f4; (A. Petersii; -Eupodiscus.)---
 CRUCIATUS, Pant. 2p. 101-16f269; Det. S.p. 1123;
 CRUX, E.-Abh. Ber. 1344p. 76; Mg. pls. 13f47; 35A-16f2; ^{a. margar.} Prit. p. 347; M.D.
 pl. 41f43; Weisse Gu. pl. 1f12; Jan. Gu. p. 16-1a, f12; 2f13; Girard Foss.
 p. 12-3f4; M.T.P. 4-3-8; Atlas 105f5; 41f12; 124f1; Atlantic
 City; J.Q.C. 1337p. 3, 76; Grun. 1334p. 17; J.R.M.S. 1333p. 350; Pant. 2p.
 102; Woll. pl. 33f1; Det. S.p. 1101; (Eupodiscus C.
 & crucifer; -A. margaritaceus, quinarius & Solitarius.)
 * v. glacialis, Grun. 1334p. 17-2f32; (A. Solitarius, v.)--
 * v. papulifera, Br.-Atlas 162f6;
 * v. Periana, A.S., Atlas 102f5; 124f3; -(A. margaritaceus) 33f1-3;
 * v. subsquamosa, Grun. ^{1333p. 350} St.-J.R.M.S. 1333p. 350-3f3; Det. Syll. p. 1101;
 Atlas 157f3, 4; 162f4;
 * v. tenera, Witt 1335p. 19-6f10; Pant. 2p. 102; -(A. margaritaceus, v.)
 DARWINII, Pant. 2p. 102-15f254; Det. S.p. 1130;
 DEBYI, Pant. 1p. 56-25f226; J.R.M.S. 1333p. 351; Notar. 1333p. 612;
 (A. margaritaceus, v.)---
 DECORUS, Grev.-T.M.S. 1334p. 64-10f2; Atlas 33f9; W. & C. Ip. 4-2f10; J.Q.
 C. 1337p. 8; J.R.M.S. 1333p. 345; Woll. pl. 33f2; Det. S.p. 1096;
 (A. elegans, p.p.)---
 * v. Canariensis, Rattr.-J.R.M.S. 1333p. 345-6f3; Det. S.p. 1096;
 * v. Stoschii, Rattr.-J.R.M.S. 1333p. 345; Det. S.p. 1096; -(A. Stoschii.)---
 DEFORMIS, (A. Kittoni, v.; -Eupodiscus.)---
 DISPERSUS, Rattr.-J.R.M.S. 1333p. 346-5f9; Det. S.p. 1097; Led. Vol. 1p.
 2-2f3; (A. spectabilis.)---
 ELEGANS, E.-Mik. p. 226; (A. decorus.)---
 ELEGANS, Gro. & St.-J.Q.C. 1337p. 140-12f30; J.R.M.S. 1333p. 349; Atlas
 146f3; Det. S.p. 1100;
 EXCAVATUS, A.S., Atlas 36f10; J.R.M.S. 1333p. 367; Pant. 2p. 102-23f315;
 Det. Syll. p. 1117;
 * v. apiculata, Rattr.-J.R.M.S. 1333p. 368-6f4; Det. S.p. 1117;
 EXIGUUS, Witt 1335p. 19-3f6; Atlas 101f22; J.R.M.S. 1333p. 345;
 Det. Syll. p. 1095;
 * v. undulata, Rattr., J.R.M.S. 1333p. 345-6f7; Det. S.p. 1095;
 EXTANS, Grev.-T.M.S. 1334p. 67-12f1; (A. mammosus, v.)
 FORMOSUS, Arn.-Prit. p. 343; M.M.J. 1373p. 6-21f1, 2; Atlas 35f7, 3; 107f5;
 Sm. Sp. 1.51; B.S.B. 1379p. 4; J.R.M.S. 1333p. 362; Det. S.p. 1112;
 (A. Boliviensis & Brightwellii.)---

> Hartianus, Nelson. - J. Q. C. 1884 p. 371 = Error = A. Sturtevant: J. Q. 1884 S. 2 p. 182

+ Huttonii,

> " var. dichotoma, Bn. - L. D. vol. 2, No. 22 p. 232-23 f 12:

+ inflatus.

> " forma Hillabyana, Bn. - L. D. 27: 22 pl. 23 f 10:

> " var. spicula, Bn. - L. D. 27: 22 p. 233-23 f 11:

- GERMANICUS, A.M.E. - (Eupodiscus; -Tripodiscus.)----
- GIGANTEUS, Brun. & T.p. I9-4fI5; Atlas I32f2, 2x; I70f4; Det. Syll. p. II27;
 ' v. permagna, Br.-Atlas I70f3;
- GIGAS, Grev.-T.M.S. I365p. 26-4f23; Br. & T.p. 69; Det. S.p. II27;
- GRACILIS, Rattr.-J.R.M.S. I333p. 36I-5fI; Det. S.p. IIII;
- GRANDIS, W. & C. Ip. 3-If9; Notar. I333p. I46; (A. spectabilis.)
- GREVILLEANUS, Norman.-T.M.S. I364p. IO-IfI; J.R.M.S. I333p. 343;
 Det. Syll. p. IO99;
- GRUNOWII, Cl. J. Q. C. I335p. I7I-I2f3; Atlas 92fI; IO7fI, 2; Pant. Ip. 53-
 IIIf93, 95; W.R.M.S. I333p. 37I; Notar. I333p. 6I3; Det. Syll. p. II20;
 (A. Kinkerianus.)---
- ' v. punctata, Pant. Ip. 59-I2fIO2; -(var. ~~uniqua~~)
- ' v. Squamosa, Pant. Ip. 59-If4; 2p. IO2; J.R.M.S. I333p. 372; Det. S.p. II2I;
- ' v. ~~sub~~ Squamosa, Pant. Ip. 53-If3; I2fIOO; 2p. IO2; J.R.M.S. I333p. 372;
 Det. Syll. p. II2I; *Atlas 92 f I: (+forma punctata)*
- GUROVII, Pant. 3p. -2If3I3; Det. Syll. p. II32;
- HABIRBSIAWII, Pant. Ip. 53-29f296; Notar. I333p. 6I3; (A. Cornelia.)
- HAYNALCII, Pant. 2p. IO2-30f429; Det. Syll. p. II32;
- HISPIDUS, Pant. 2p. IO3-3f43; Det. S.p. II28;
- HUNGARICUS, Pant. Ip. 57-25f23I; 2p. IO3; (A. angulatus, v.)-
- HUTTONII, Gran. Mss.: -(A. Janischii.)-----Grove & St., J.Q.C. I337p. I40-
 I2f3I; Atlas I24f6; I46f3; J.R.M.S. I333p. 36I; Not. I333p. 466;
 Det. Syll. p. III3;)
- HYALINUS, Pant. Ip. 53-If5; 2p. IO3; J.R.M.S. I333p. 342; Notar. I333p. 6I4;
 Det. S.p. IO94;
- HYSTRIX, Pant. 2p. IO3-I6f273; Det. Syll. p. II23;
- IMPERFECTUS, Gran. I334p. I7; Det. S.p. II34; (Cosmoideiscus.)
- + INFLATUS, Grev.-T.M.S. I363p. 69-4fI2; Atlas 35f9; 92f4; J.R.M.S.
 I333p. 362; Det. S.p. III2; (A. cinetus.)-
- ' v. huttoni, Gran.-Botan. Centralb. Vol. 3 Ip. I33, No. 5: -(A. Janischii.)----
- ' v. minor, Rattr.-J.R.M.S. I333p. 362-7f4; Det. S.p. III2;
- ' v. stellatus, Rattr.-J.R.M.S. I333p. 362-7f3; Det. S.p. III2;
- INTERRUPTUS, Pant. 2p. IO3-IIIfI39; Det. S.p. II3I;
- INTUMESCENS, Rattr.-J.R.M.S. I333p. 359-5f6; Det. S.p. II09;
- INVICTUS, A.S., Atlas I34f2, 3; I70fI; Det. S.p. ^{late} II33;
- JANISCHII, Gro. & St.-J.Q.C. I337p. I39-IIIf23; I33f2, 3; Notar. I337p. 359;
 J.R.M.S. I333p. 363; Det. S.p. III3; -(A. huttoni, Gran.: -A. Stoschii, l. p.)--
- ' v. abrupta, Gro. & St.-J.Q.C. I337p. I39; Atlas I46fIO: -(A. Janischii.)--
- ' v. areolata, Rattr.-J.R.M.S. I333p. 364; Det. S.p. III3; -(A. Janischii.)--
- JIMBOI, Pant. 3p. -4fI567; Det. Syll. p. II27;
- JOHNSONI, Arn.-Prit. p. 344; J.Q.C. I373p. I2f7; Atlas 36fI, 2; 4I17-IO;
 IO3fI; Malaisia; (A. Vittoni.)---
- JONESIANUS, Grev.-T.M.S. I362p. 24-2f5; (A. scaber, v.)--
- JUTLANDICUS, Kitt.-J.Q.C. I37Ip. I33-I3fI3; Atlas 4If5; -(A. Solitt., v.)
- KELLERI, Pant. 2p. IO3-5f77, 79; Det. S.p. II3I;
- KILKELLYANUS, Grev.-T.M.S. I363p. 70-4fI4; J.R.M.S. I333p. 344;
 Atlas IO2f3; Det. S.p. IO95;

- v. minor, Rattr.-J.R.M.S. 1333p.344; Det.Syll.p.1093;
 v. sparsus, Rattr.-J.R.M.S. 1333p.344; Det.S.p.1093: (A. sparsus.) ---
 KINKERI, A.S., Atlas 103f4,5; Wollé pl.33fII: -(A. margaritaceus, v.) ---
 KINKERIANUS, Nott.-W. & C. Ip.3-1f3: (A. Grunowii.) ---
 KITTONII, Arn.-Prit.p.344-3f24; J.R.M.S. 1333p.375; M. 1335p.95-6f13; 1374p.22; J.Q.C. 1373p.12f4-6; 1337p.42, 127-4fII; Atlas 33f5-7; 41f3; Sm. Sp. 1.52; A.M.M.S. 1332p.233; Cl. & M. III; A.S. M. 1335pp.35,37; M.T.P. 4-5-5; Wollé pls.32f5; 33f2; Det.S. p.1123: (A. laevis.) ---
 v. Africana, Rattr.-J.R.M.S. 1333p.275; Det.Syll.p.1123; Malaisie: (A. Africanus.) ---
 v. Johnsoni, Arn.-J.R.M.S. 1333p.375; Det.S.p.1123 (A. Johnsoni.) ---
 LAEVIS, Brtw.-M.S. 1330p.95-6f13: (A. Kittonii.) ---
 LAUSENI, Witt 1335p.20-6f9; 7f5; Atlas 101f4-6; J.R.M.S. 1333p.359; Pant.2p.103; ~~Det. Sp. 30-5f2~~; Det.S.p.1113:
 v. hyalina, Rattr.-J.R.M.S. 1333p.359; Det.S.p.1113:
 v. marginalis, Witt 1335p.21-7f3; J.R.M.S. 1333p.359; Det.S.p.1113; Pant.2p.103;
 v. partita, Pant.2p.103-26f373; Det.Syll.p.1119:
 v. punctata, Witt 1335p.20-7f4; Pant.2p.103; Det.S.p.1113:
 v. verrucosa, Br.-LéD. 1390p.30-5f2; Det.S.p.1119:
 LEDEBOURI, Pant.2p.103; 3p. -16f234; Det.S.p.1130;
 LUCIDUS, Rattr.-J.R.M.S. 1333p.379-5f3; Atlas 159f10; Det.S.p.1123;
 LUNYACKSEKII, Pant. Ip.59-25f220; 25f221: (A. affinis, v. ~~lunyaksekii~~)
 v. major, Pant. Ip.59-25f222; (A. affinis, ~~v. major~~)
 v. maxima, Pant. Ip.59-2f9, 10; 2p.104: -(A. Chassai & Oregonis: ~~A. affinis~~)
 v. minor, Pant. Ip.59-1f2; 2p.104; (A. affinis, ~~v. minor~~)
 v. polygibba, Pant. Ip.59-25f225; (A. affinis, ~~v. polygibba~~)
 v. polygona, Pant. Ip.59: (A. affinis, ~~v. polygona~~)
 MACRAEANUS, Grev.-T.M.S. 1332p.23-2f4; Cl. & M. 277; Vega p.500; Atlas 103f2; J.R.M.S. 1333p.337; Malaisie; Det.S.p.1113:
 MAMMOSUS, Grev.-T.M.S. 1333p.70-4f13; W. & C. Ip.4-2fII; Det.S.p.1113; J.R.M.S. 1333p.333;
 v. extans, Rattr.-J.R.M.S. 1333p.353; Det.S.p.1113; (A. extans.)
 MARGARITACEUS, Ralfs, Prit.p.344; M.M.S. 1373p.3-2f3 lower; Atlas 37f45; 92f12; 103f6-9; 105f1; Cl. & M. 231; Vega p.503; J.Q.C. 1335p.304; 1337p.1,9,75,79; J.R.M.S. 1333p.351; Wollé pl.32f1,2; Det.S. p.1101: (A. crux, var. Peruviana: - A. damianus: -
 Fortm. Ceyl. 1651
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 v. Debyi, Pant.-J.R.M.S. 1333p.351; Det.S.p.1102: ^{Atlas 104f39} (A. Debyi.) ---
 v. distincta, Rattr.-J.R.M.S. 1333p.352; Det.S.p.1103: (A. Moelleri.) ---
 v. distans, Rattr.-J.R.M.S. 1333p.352; Atlas 104f6; Det.Syll.p.1102: (A. distans.)
 v. elongata, Rattr.-J.R.M.S. 1333p.352; Det.S.p.1102; Atlas 37f1-3:
 v. Hungarica, Pant.2p.104; Det.S.p.1104;

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β . It is shown that the system has solutions for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the system has no solutions.

2. In the second part of the paper, the problem of the stability of the solutions of the system (1) is considered. It is shown that the solutions of the system are stable for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are unstable.

3. In the third part of the paper, the problem of the asymptotic behavior of the solutions of the system (1) is considered. It is shown that the solutions of the system approach zero as $t \rightarrow \infty$ for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system do not approach zero as $t \rightarrow \infty$.

4. In the fourth part of the paper, the problem of the periodicity of the solutions of the system (1) is considered. It is shown that the solutions of the system are periodic for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are not periodic.

5. In the fifth part of the paper, the problem of the boundedness of the solutions of the system (1) is considered. It is shown that the solutions of the system are bounded for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are unbounded.

6. In the sixth part of the paper, the problem of the uniqueness of the solutions of the system (1) is considered. It is shown that the solutions of the system are unique for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are not unique.

7. In the seventh part of the paper, the problem of the regularity of the solutions of the system (1) is considered. It is shown that the solutions of the system are regular for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are not regular.

8. In the eighth part of the paper, the problem of the smoothness of the solutions of the system (1) is considered. It is shown that the solutions of the system are smooth for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are not smooth.

9. In the ninth part of the paper, the problem of the differentiability of the solutions of the system (1) is considered. It is shown that the solutions of the system are differentiable for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are not differentiable.

10. In the tenth part of the paper, the problem of the integrability of the solutions of the system (1) is considered. It is shown that the solutions of the system are integrable for all values of the parameters α and β if and only if the condition $\alpha + \beta > 0$ is satisfied. In the case when $\alpha + \beta < 0$, the solutions of the system are not integrable.

- v. inconspicua, Rattr.-J.R.M.S. 1333p. 352-3f3; Det. Syll. p. II06;
 v. Kinkeri, Rattr.-J.R.M.S. 1333p. 352; Det. S. p. II03: -(A. catenarius.)--
 v. robusta, Rattr.-J.R.M.S. 1333p. 352; Atlas 37f3, 7; 10513: ~~Atlas~~
 v. tenera, ~~Sinnot~~ J.R.M.S. 1333p. 352; Det. S. p. II03: (A. erix, v.)
 v. undosa, Rattr.-J.R.M.S. 1333p. 352; Det. S. p. II03:
 v. Moelleri, Rattr.-J.R.M.S. 1333p. 352; Det. S. p. II03: -(A. Moelleri.)---
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 v. spinifera, Brun.-Atlas 131f3; 139f5; 201f7: 158f12;
 NOBILIS, Rattr.-J.R.C. 1339p. 53-1f1; Det. S. p. II32;
 NOTABILIS, Pant. 2p. I04; 3p. -9f151; Det. Syll. p. II31;
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 v. Madagascarensis, Temp.-LeD. No. Ip. I-2f4, 5;
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 v. sparsipunctata, ~~In. Atlas 107f6: -(A. affinis)~~ (A. notabilis.)-
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 var., A.S., Atlas 35f1-3: ~~var. notabilis~~
 v. asperula, Rattr.-J.R.M.S. 1333p. 363; Det. S. p. III5: -(A. crucifer.)---
 v. circumdata, Rattr.-J.R.M.S. 1333p. 367; Det. S. p. III5: -(A. circ.)---

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- * *v. expansa*, Rattr.-J.R.M.S. 1333p. 356-7fI; Det. Syll. p. IIII:
 * *v. notabilis*, Rattr.-J.R.M.S. 1333p. 356; Det. S. p. IIII:
 * *v. rara*, Rattr.-J.R.M.S. 1333p. 357-7fI2; Det. S. p. IIII:
 POLYGONUS, Grun.-Pant. Ip. 59-25f233; J.R.M.S. 1333p. 357; Notar. 1333p. 315; Det. S. p. II03:
 * *v. polygibba*, Pant. Ip. 59-25f237; J.R.M.S. 1333p. 357:-(A. polygonus.)---
 PROBABILIS, A.S., Atlas 35fI3, I4; I03f3, 4; Witt 1335p. 21-3fI3, I4; J.R.M.S. 1333p. 340; Woll. pls. 30fI2; 33f3; Pant. 2p. I04-23f404; Det. Syll. p. I093;
 PROMINENS, Kitt.-J.R.M.S. 1333p. 375-5f5; Det. S. p. II23;
 PULCHER, Norman.-Prit. p. 345-3f23; J.R.M.S. 1333p. 360; Woll. pl. 7fI; Det. S. p. III0:
 * *v. sparsi-radiata*, Rattr.-J.R.M.S. 1333p. 360; Det. S. p. IIII:
 QUADRANS, A.S., Atlas 35fI0; I5f5; J.R.M.S. 1333p. 343; Pant. 2p. I04; Det. S. p. I097:
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 RADIATUS, Grev.-T.M.S. 1364p. II-If4; J.R.M.S. 1333p. 370; Det. S. p. IIII:
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 RATTRAYI, Gro. & St.-J.Q.C. 1337p. I39-IIf29; Notar. 1333p. 453; Atlas I46f9; Det. S. p. II24:-(A. Comberi, var., & Beeveriae.)-
 * *v. convexa*, A.S., Atlas I24f7; J.R.M.S. 1333p. 376; Det. Syll. p. II25: (A. convexus.)---
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 + ROGERSII, Bailey.-Atlas I07f3; J.R.M.S. 1333p. 372; Woll. pl. 30fI0; Det. S. p. II21:-(A. areolatus; -Eupodiscus R. & Baileyi: -Podiscus R. & v)
 ROTULUS, Rattr.-J.R.M.S. 1333p. 348-5fI0; Det. S. p. I099:
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 SCABER, Ralfs, Prit. p. 344: Cl. & M. 230; Atlas 33f4-3; J.R.M.S. 1333p. 353; Det. S. p. II04: (A. erix & var.: -A. quinaris.)-
 * *v. jonesianus*, Rattr.-J.R.M.S. 1333p. 354; Det. S. p. II04:-(A. Jones.)
 SEMIDIUM, Witt 1335p. 21-7fI2; Atlas I0IfI-3; J.R.M.S. 1333p. 355; Pant. 2p. I04; Det. S. p. II05:
 * *v. quadriradiata*, Rattr.-J.R.M.S. 1333p. 355; Pant. 2p. I04:-(A. septus, v)
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 * *v. quadriradiata*, Pant. Ip. 60-I0f34; Det. S. p. II06:-(A. Schmitti, v.)---
 SIMBIRSKIANUS, Pant. 2p. I05-I3f239; Det. S. p. II30;
 SIMPLEX, Rattr.-J.R.M.S. 1333p. 340; Det. S. p. I092:
 SOLLITTIANUS, Norman.-T.M.S. 133Ip. 7-2f5; Prit. p. 933; Jan. Gu. p. I5-2f3; Atlas 33fI0-I3; I03f3; Atlantic City; J.R.M.S. 1333p. 377; Woll. pl. 33f9; Det. Syll. p. II25:
 * *v. Jutlandica*, Rattr.-J.R.M.S. 1333p. 376; Det. S. p. II26: (A. erix, v. glacialis.)--

> te trapuigon, Brun. - L^e D. Vol. 2 n^o 22 p. 233-234, 9:

* v. *Novae-Zeelandiae*, Gro. & St. - J.Q.C. I337p.9-3f10; Det. S. p. II25;
J.R.M.S. I333p.377; Atlas I70f10;

* v. *protuberans*, Rattr. - J.R.M.S. I333p.377; Det. S. p. II25;

SPARSUS, Grev. - T.M.S. I333p. I23-I1f6; Wolle pl. 32f4;

(A. *Willkellyanus*, var., & *Beveeriae*.) ----

SPECTABILIS, Grev. - T.M.S. I333p. 7I-5f13; J.Q.C. I337p. I4I; J.R.M.S.
I333p.343; Det. Syll. p. I097; (A. *dispersus* & *grandis*.) --

* v. *depressa*, Rattr. - J.R.M.S. I333p. 343-7f6; Det. S. p. I097;

SQUARROSUS, Br. - Atlas I6If1, 2;

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SUBANGULATUS, Pant. Ip. 30-2fII; 23f273; 2p. I05; Notar. I333p. 313;

(A. *Neogradensis*, var., & *angulatus*.)

SUBRIMOSUS, Grun. - Atlas I24f5, 6; Det. S. p. II33;

SUPERBUS, Kitt. - M.M.J. I373p. 205-33fI: Det. S. p. II07;

SUSPECTUS, A.S., Atlas 36fI7, I3; J.R.M.S. I333p. 329; Det. S. p. I092;

(*Cosmoidiscus imperfectus*.) -

SZAKALENSIS, Pant. 3p. - 23f4I5; Det. S. p. II32;

TEMPEREI, A.S., Atlas I57f7; Det. Syll. p. II33;

TERNATUS, Jam. Guano p. I6-2f4;

(A. *scaber*.) --

THUMII, A.S., Atlas I02f3; I33f3; J.R.M.S. I333p. 374; Det. S. p. II22;

Wolle pl. 33f3;

TRIPARTITUS, Br. & Tp. p. 24-4f3; Atlas I69f3, 9; Det. S. p. II06;

TRUANII, Pant. 2p. I05-4f3I; Det. S. p. II29;

TSCHESTNOVII, Pant. 2p. I05; 3p. - 6f93; Det. S. p. II30;

TUBERCULATUS, Pant. 2p. I05-I5f253; Det. S. p. II29;

TUBULO-CRENATUS, Br. & Tp. p. 22-7fI9; Atlas I53f3; I62fI, IX;

Det. S. p. II27;

TUMULIFER, Br. - Atlas I62f3; I70f7-9; Det. Syll. p. II33;

UMBONATUS, Grev. - T.M.S. I334p. 9-I1f2; J.R.M.S. I333p. 373; Det. S. p. II25;

* v. *dirupta*, Rattr. - J.R.M.S. I333p. 379-3f9; Det. S. p. II26;

VOLUTA-COELI, Br. - Atlas I70f5, 6; Det. S. p. II33;

WEISSELOGII, Pant. 2p. I05-I3f293; Det. S. p. II29;

WITTII, A.S., Atlas I03fI; J.R.M.S. I333p. 365; Det. S. p. III4;

ZONULATUS, Rattr. - J.Q.C. I339p. 39-4fI; Atlas I3If3; Det. Syll. p. II37;

AULACOSIRA. ---- (*Thwaites, 1841*.)

CRENULATA, Thw. - A. S. N. I. I343p. I67, fIIb: -(*Melosira* c. & *Orichalocsa*.) ----

AULISCUS. ----- C

--, A.S., Atlas 32f5, 23: --, Atlas I25f9, I0;

ACCEDENS, Rattr. - J.R.M.S. I333p. 37I; Atlas I25f3; I7IfI2; Notar.

I390p. 33; Det. Syll. p. I034;

ACUTIUSCULA, Rattr. - J.R.M.S. I333p. 332-I4fI; Notar. I390p. 33;

Det. S. p. I046;

ALBIDUS, Br. - Atlas I7If3, 4; Det. Syll. p. I034;

* v. *baecata*, Grun. - Atlas I7If5; Det. S. p. I034;

AMBIGUUS, Grev.-T.M.S. I335p.74-4f23; R.E.D.1.32I; Atlas I7If13;

(Pseud-auliscus.)--

" v.multiclava, Bran & Tem.p.22-2f13;

AMERICANUS, E.-Mik.pl.33-14f2; Prit.p.346; R.E.D.p.320; Wollé pl.30f

9; J.R.M.S. I333p.396; Del.Syll.p.1062: (A.sculptus.)-

AMOEBUS, Rattr.-J.R.M.S. I333p.371-12f1; Notar. I390p.33; Del.S.p.1035;

APEDATUS, Rattr.-J.Q.C. I339p.40-4f2; Notar. I390p.34; Del.S.p.1025;

(Pseud-A.Kinkerii.)

ANTIQUUS, Rattr.-J.R.M.S. I333p.373-13f4; Del.S.p.1039;

ASIATICUS, Br.-Br. & Tp.p.22-2f4; Del.S.p.1053;

AUKLANDICUS, Grun.-Atlas 37f13: (A.caelatus, var.A.)-

AUSTRALIENSIS, Grev.-Trans. Bot. Soc. Edinb. I364p.233-3f3; Del.S.p.1032;

J.R.M.S. I333p.333:

BARBADENSIS, Grev.-T.M.S. I335p.5-1f1; J.Q.C. I337p.10; Del.S.p.1023;

J.R.M.S. I333p.335; (A.lineatus, p.p.)---

BIDDULPHIA, Kitt.-Atlas 37f3; Wollé pl.30f 4; J.R.M.S. I333p.379;

Del.Syll.p.1043;

" v.dentata, A.S., Atlas 39f3; Notar. I390p.34; J.R.M.S. I333p.379;

Del.S.p.1043;

" v.prominens, A.S., Atlas 39f2; J.R.M.S. I333p.379; Notar. I390p.34;

Del.S.p.1043;

BOURGOGNEI, Bergeon.-LeD.2p.39-11f2; Del.S.p.1063;

CABALLII, A.S., Atlas 32f1,2; Sm.Sp.T.3I7; J.R.M.S. I333p.333;

Del.S.p.1029:

CAELATUS, Bailey.-N.S.p.3-1f3,4; Bail.Coll.; Prit.p.345; R.E.D.1.320;

T.M.S. I333p.44-2f4,7; I373p.3; M. & R.S.p.70; Petit Cat.p.37; Atlas

32f14,13; Fortr.Cey.p.33-7f33; Sm.Sp.1.54; Cl. I373p.13; Vega p.503;

J.Q.C. I335p.171; A.M.M.J. I333p.31; Villef.p.71; J.Q.C. I337p.10; Pant.

Ip.55-19f173; 23f279; 2,p.93; J.R.M.S. I333p.335: Mobile; Malaisie;

Wollé pl.39f6,9; Del.S.p.1049: *Atlas 234, f211* - (A.Gregoriae Smithii.)---

" var., Perag.Villef.p.71:

" v.Auklandica, Grun.-Atlas 37f13; J.R.M.S. I333p.393; Del.Syll.p.

1050: (A.Aukl.)-

" v.constricta, Rattr.-J.R.M.S. I333p.337-15f3; Del.S.p.1051;

" v.delicatula, Rattr.-J.R.M.S. I333p.333-15f5; Del.S.p.1051;

" v.gigas, E.-Atlas 32f12,13; W. & C. Ip.4-2f12; (A.gigas.)-

" v.impressa, Rattr.-J.R.M.S. I333p.337-15f9; Del.Syll.p.1051;

(A.sculptus, v.)

" v.latecostata, A.S., Atlas 32f13-20; Petit Cat.p.37; Villef.p.71;

Malaisie; J.R.M.S. I333p.337; Wollé pl.39f10; Del.S.p.1051;

" v.major, Rattr.-J.R.M.S. I333p.337; Del.S.p.1051;

(A.sculptus, v. permagna; -A.elaboratus.)-

" v.mergens, Rattr.-J.R.M.S. I333p.337; Del.S.p.1052;

" v.mitabilis, Rattr.-J.R.M.S. I333p.333-15f3; Del.S.p.1053;

" v.picta, J.R.M.S. I333p.337-15f7; Del.S.p.1052;

" v.prouberans, Rattr.-J.R.M.S. I333p.333-16f6; Del.S.p.1052;

" v.striatillata, A.S., Atlas 32f24-26; Malaisie; Del.S.p.1050;

" v.tenuis, Rattr.-J.R.M.S. I333p.333-16f3; Del.S.p.1052;

forma triocellata, Pant. Ip.55-23f279: - (A.caelatus.)--

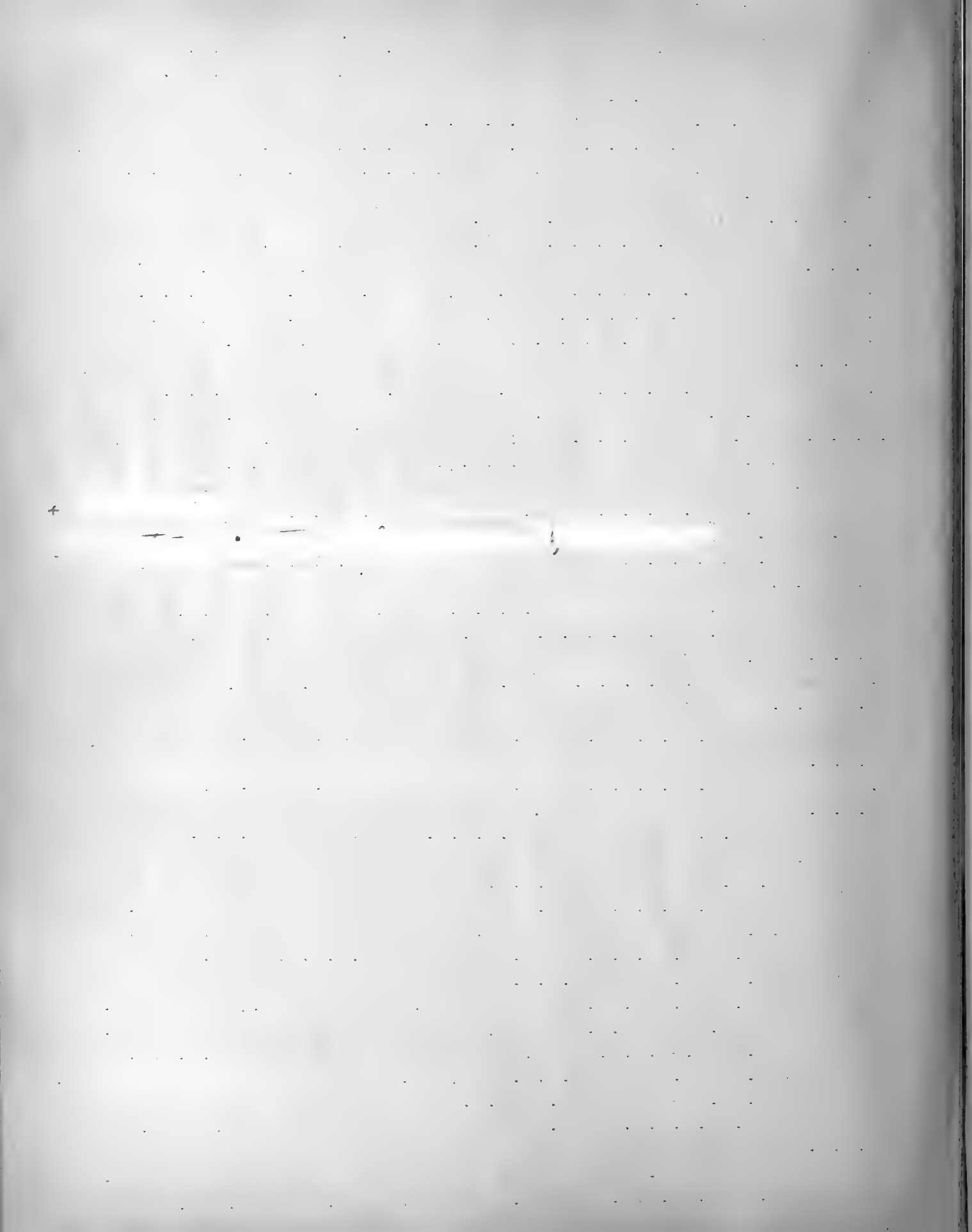
> Elaboratus, v. tetraspadix, An.-Le D. 2 no. 27 p. 233-24 f4:

- CALIFORNICUS, Br.-Atlas I7If3,9; Det.Syll.p.I064;
 CARIBAEUS, Cl.-Atlas 37f9,10; J.R.M.S.I333p.392; Wolle pl.30f7;
 Malaisie; Det.S.p.I057;
 CLEVEI, Gru.-Atlas 3If1-4; J.R.M.S.I333p.364; Wolle pl.79f3-10;
 Det.S.p.I027;
 COINCIDENS, A.S.,Atlas I7If1; Det.S.p.I064;
 COMPOSITUS, A.S.,Atlas 30f9; J.R.M.S.I333p.334; Det.S.p.I059;
 CONFLUENS, Gru.-Atlas 3If6; 32f6-8; Fortm.Cey.p.63; J.Q.C.I335p.
 I7I; I337p.73; J.R.M.S.I333p.381; Wolle pl.39f3,II: Pant.2p.99;
 Det.Syll.p.I045: *Sch. Probat. f. 1*;
 CONSTELLATUS, Mills.-J.R.M.S.I333p.363-IIIf2,3; ^{1882p.476.} (A. Hauckii.)
 CONVOLUTUS, Gro.-J.R.M.S.I333p.374-I5f2; Atlas I7If6; Det.S.p.I033;
 Notar.I390p.35;
 CRYSTALLINUS, Br.-Br. & Tp.p.23-3f1; Det.S.p.I063;
 CYLINDRUS, E.-Abh.Ber.I343p.27I; T.M.S.I353p.52; R.E.D.p.320; Det.
 S.p.I062; J.R.M.S.I333p.396: Prit.p.346;
 DECORATUS, Rattr.-J.R.M.S.I333p.375-I2f6; Notar.I390p.35;
 Det.S.p.I040;
 * v.affinis, Rattr.-J.R.M.S.I333p.375-I3f1; Notar.I390p.35;
 Det.Syll.p.I040;
 DISSIMILIS, Rattr.-J.R.M.S.I333p.375-I4f6; Notar.I390p.35;
 Det.S.p.I033;
 * ELABORATUS, Raifs,T.M.S.I353p.51-3f19; Atlas 37f4; -(A.caelatus, major.)
 ELEGANS, Grev.-T.M.S.I353p.52-2f8; J.R.M.S.I333p.372; Det.S.p.I036;
 * v.Californica, Rattr.-J.R.M.S.I333p.372; Det.S.p.I036;
 (A.Grunowii, var. Cal.)--
 * v.flammula, Br. & Tp. Det.S.p.I037:-(A.Grunowii, var. f.)
 * v.Grunowii, A.S.-Rattr., J.R.M.S.I333p.372; Det.S.p.I036:-(A.Grun.)---
 * v.subpunctata, Rattr.-J.R.M.S.I333p.373-I3f2; Det.S.p.I036;
 EXIMIUS, Rattr.-J.R.M.S.I333p.375-I3f2; Notar.I390p.36; Det.S.p.I040;
 ELLIPTICUS, A.S.;Atlas I49f4; Det.Syll.p.I064;
 FENESTRATUS, Gro. & St.-J.Q.C.I337p.I0-3f12; Atlas I25fII, I3; I49f9;
 J.R.M.S.I333p.373; Det.S.p.I037: *Not. 1887p.344*:-(Bidulphia; -Quontella.)-
 FORMOSUS, Fortm.Cey.p.63-7f7I; J.R.M.S.I333p.369; Det.S.p.I062;
 FRACTUS, Gro. & Rattr.-J.R.M.S.I333p.333-I4f5; Notar.I390p.36;
 Det.S.p.I053;
 FULCRATUS, A.S.,Atlas I49f2,3; Det.S.p.I064;
 FULVUS, Rabh.E.D.p.320; Perag.p.75; J.R.M.S.I333p.397;
 Det.S.p.I063; (Eupodiscus.)
 GIGAS, E.-Abh.Ber.I344p.77; Mg.pl.I9f63; Prit.p.346; T.M.S.I353p.52;
 Atlas 37fII; II7f4-7; Malaisie; J.R.M.S.I333p.396; Det.S.p.I062;
 (A.caelatus, var., & splendens; -Coscinodiscus auliscus.)
 GRACILLIMUS, Rattr.-J.R.M.S.I333p.375-I3f6; Det.S.p.I039;
 GRANULATUS, Bailey Coll.: Det.Syll.p.I063;
 GREGORII, Jan.Gu.p.I6-2f12; R.E.D.p.321; (A.caelatus.)--
 GREVILLEI, Jan.Gu.p.I6-2fII; R.E.D.p.321; Atlas 30f15; J.Q.C.I337p.
 73; J.R.M.S.I333p.392; Det.S.p.I053;
 GRUNOWII, A.S.,Atlas 30f14; 39f7; Pant.Ip.29f293; (A.elegans & vars)

> Johnsonianus, v. craterifer, Brem. -

Led. vol. 2, no. 22 p. 234-24 f2, 3:

- v. *Californica*, A.S., Atlas 39f8; Wollé pl. 79fII, I2; A.M.M.S. I39Ipl.
 2f39; (A. *elegans*, v. Cal.) ---
 v. *flammula*, Brun & T. p. 23-2f3; - (*A. elegans*, v. *flum.*) ---
 HARADAAE, Pant. 3p. -3If452; Det. Syll. p. I064;
 HARDMANIANUS, Grev. -T.M.S. I333p. 3-2fI7; J.Q.C. I337p. 73; Atlas 37fI;
 39f4; Witt I333p. I2; Wollé pl. 79fI; J.R.M.S. I333p. 377; Det. S. p. I04I;
 (A. *Joynsonii*.)
 var., A.S., Atlas I03fI; -(A. *Harum*.) ---
 v. *bifurcata*, Rattr. -J.R.M.S. I333p. 373; Notar. I390p. 37;
 Det. S. p. I042; (A. *nobilis*.)
 v. *futilis*, Rattr. -J.R.M.S. I333p. 377; Notar. I390p. 36; Det. S. p. I04I;
 v. *Haytiana*, Rattr. -J.R.M.S. I333p. 377; Witt I333p. I2-2f4; -(A. *Harum*.)
 v. *labyrinthula*, Rattr. -J.R.M.S. I333p. 377; Notar. I390p. 36;
 Det. S. p. I04I;
 v. *obscura*, Rattr. -J.R.M.S. I333p. 373; Not. I390p. 37; Det. S. p. I04I;
 HAUCKII, Pant. Ip. 56-30f304; 2p. 99; Atlas I03f3, 9; Notar. I333p. 6I3;
 J.R.M.S. I333p. 33I; Det. S. p. I045; (A. *confluens*, v.)
 INCERTUS, A.S., Atlas 39fI3, I9; J.R.M.S. I333p. 333; Det. S. p. I047;
 Wollé pl. 80f8;
 INFLATUS, Gro. & St. -J.Q.C. I337p. I4I-I3f37; J.R.M.S. I333p. 37I;
 Notar. I333p. 467; Det. S. p. I035;
 INSIGNIS, Cl. -N.L.W.D. p. 22-5f34; Atlas 39fI; J.R.M.S. I333p. 375;
 Det. Syll. p. I039;
 INTERCEDENS, Jan. -Atlas 32f9; J.R.M.S. I333p. 334; Det. Syll. p. I043;
 INTERMEDIUS, Gro. & St. -J.R.M.S. I333p. 390-I2f3; Notar. I390p. 37;
 Det. S. p. I055;
 v. *simplex*, Rattr. -J.R.M.S. I333p. 390-I6f5; Notar. I390p. 37;
 Det. Syll. p. I056;
 INTERRUPTA, Rattr. -J.R.M.S. I333p. 330-I3f5; Notar. I390p. 37;
 Det. S. p. I043;
 v. *sparsa*, Rattr. -J.R.M.S. I333p. 330-I3f3; Notar. I390p. 33;
 Det. S. p. I044;
 INTESTINALIS, A.S., Atlas I03f2; J.R.M.S. I333p. 373; Det. S. p. I042;
 Wollé pl. 80f5;
 JIMBOI, Pant. 3p. 7. -3If454; Det. S. p. I064;
 JOHNSONIANUS, Grev. -T.M.S. I333p. 3I-3f20; (Pseud-A.)
 JOYNSONI, A.S., Atlas 37f2; Wollé pl. 80fI; (A. *Harum*.)
 LACUNOSUS, Gro. & St. -J.Q.C. I337p. I4I-I2f35; J.R.M.S. I333p. 373; Atlas
 I25f4; Notar. I333p. 467; Det. S. p. I037;
 LETOURNERI, Br. -LeD. Vol. 2p. 39-IIIfI0; -(A. *pulvinatus*, v. -Pseud-Ail.) ---
 LEUDUGERI, Perag. -Villef. p. 7I-4f32; (Pseud-Ail.)
 LINEATUS, Gro. & St. -J.Q.C. I337p. I4I-I2f36; Atlas I49f2; J.R.M.S. I333,
 p. 365; Notar. I333p. 467; Det. S. p. I023; -(A. *Barbadiensis* & *fenestratus*, Pl.)
 LOCZYII, Pant. 3p. -5f32; Det. Syll. p. I064;
 LUCIDUS, Rattr. -J.R.M.S. I333p. 39I; Atlas 3IfI0, I2; Notar. I390p. 33;
 Det. S. p. I056;
 LUMINOSUS, Brun, I39Ip. II-22f6; (Pseud-Ail.)
 LUNATUS, Gro. & St. -J.R.M.S. I333p. 374; Not. I390p. 33; Det. S. p. I033;



- MACRAEANUS, Grev.-T.M.S. I333p.51-3fI3; Atlas 31f5; M.T.P.4-5-7; Cl. I373p.I3; J.R.M.S. I333p.392; Wollé pl.39f2; Det.Syll.p.I053;
MICROLEION, A.S., Atlas I49f5; Det.S.p.I064;
MIRABILIS, Grev.-T.M.S. I333p.47-2fII; Atlas 33fI0-I3; Det.S.p.I054; Wollé pls.39fI2, I3; I03f3; J.R.M.S. I333p.339;
MORONENSIS, Grev.-T.M.S. I364p.35-IIIf6; Atlas 32f4; I03f7,8; Pant.Ip.56-I9fI72; 2,p.99; J.R.M.S. I333p.330; Det.S.p.I044;
MANUS, A.S., Atlas 32f37; Pant.2p.99; J.R.M.S. I333p.364; Det.S.p.I027;
NEBULO-PUNCTATUS, Fortm.Cey.p.63-7f73; J.R.M.S. I333p.366; Det.S.p.I030;
NITIDUS, Rattr.-J.R.M.S. I333p.364-I2f4; Notar. I390p.39; Det.S.p.I023;
NOBILIS, Cl.Mss.:-(A.Harumannianus, v.bifurcatus)
NORMANIANUS, Grev.-T.M.S. I364p.32-IIIfII; Atlas 32f3; 37f5; II7f3; J.Q.C. I335p.I7I; Pant.Ip.56-30f3I4; 2,p.99; J.R.M.S. I333p.337; Det.Syll.p.I030;
NOTATUS, Grev.-T.M.S. I365p.5-IIf2; J.Q.C. I337p.I0:-(Pseud-auliscus.)--
OAMARUENSIS, Gro.& St.-J.Q.C. I337p.I0-3fI3; J.R.M.S. I333p.390; Atlas II7f2,3; I7If2; I25fI; Notar. I337p.344; Det.S.p.I055;
" v.Madagascariensis, Tp.-Det.Vol.Ip.2-2f4,5; Notar. I390p.37; Det.Syll.p.I055;
OBSCURUS, Rattr.-J.R.M.S. I333p.333; Notar. I390p.39; Det.S.p.I047;
OPULENTUS, Rattr.-J.R.M.S. I333p.395-I4f4; Notar. I390p.39; Det.Syll.p.I03I;
ORNATUS, Grev.-T.M.S. I364p.33-I2f2: (Pseud-A.)
OVALIS, Arn.-Prit.p.346; T.M.S. I333p.47-3fI2; R.E.D.p.320; Sm.Sp.1.55; Atlas 30fI6, I7; I25f3; J.R.M.S. I333p.39I; Det.S.p.I056;
PARVULUS, Grev.-T.M.S. I364p.74-5f22; R.E.D.1.32I; J.R.M.S. I333p.335; Det.Syll.p.I029;
PAUPER, Rattr.-J.R.M.S. I333p.363; Notar. I390p.39; Det.S.p.I026;
PECTINATUS, Rattr.-J.R.M.S. I333p.373-I2f5; Det.S.p.I042:-(A.Stentii.)-
PERUVIANUS, Grev.-T.M.S. I332p.25-2f6; I363p.50-3fI7; Atlas 32f29; Wollé pl.39f4: (Enjaiscus; -Pseud-A.)---
POLYSTIGMUS, E.-Abh.Ber. I344p.23; K.S.A.p.I24; Prit.p.346; J.R.M.S. I333p.397; Rattr.Cosc.p.I52; Det.S.p.I063: (Coscinaiscus.)--
POLYPHEMUS, A.S., Atlas I49f3; Det.S.p.I064;
PREDATUS, Rattr.-J.R.M.S. I333p.392; Det.S.p.I057; Notar. I390p.40;
PRESSUS, Fortm.Cey.p.63-7f72; J.R.M.S. I333p.364; Brun & T.p.39; Det.S.p.I023;
PROPINQUUS, Gro.& St.-J.Q.C. I337p.I4I-I2f34; Atlas I49f3; I7IfII; J.R.M.S. I333p.366; Notar. I333p.467; Det.S.p.I030;
PRUINOSUS, Bailey M.S.p.5-IIf5-3; Prit.p.345-6fI; M.D.pl.46f30; T.M.S. I333p.43-3fI3; N.& R.S.p.70; R.E.D.p.320; Cl.& M.62; A.M.M.J. I333p.3I; Atlas 3If6,7; I03fI0; I25f3; Mobile; J.Q.C. I337p.I0; J.R.M.S. I333p.332; Pant.I,1.56; Wollé pls.79fI3, I4; IIIf5; Det.S.p.I045; (A.subreticulatus.)-
" var., A.S., Atlas I25f7;

- * v. *Carpentariae*, A.S., Atlas 31f11; (A. punctatus, v. *Carpentariae*)
 * v. *lobata*, A.S., Atlas 149f1; (A. *lobata*.)--
 * v. *Sansibarica*, A.S., Atlas 31f13-15; 39f5, 6; (A. *reticulatus*.)
 PULVINATUS, Cl.-J.Q.C. 1335p. 171-13f9; Atlas 103f4-6; 117f10; Part.
 Ip. 56-19f174, 175, 177; (A. *LeTourneri*.)
 * var., A.S., Atlas 125f17;
 PUNCTATUS, Bailey N.S.p. 5-1f9; Plut. p. 345; T.M.S. 1333p. 49-3f15, 16;
 N. & R.S.p. 70; R.E.D.p. 320; Atlas 31f3-10, 12; 39f14-17; 103f10; J.Q.
 C. 1337p. 77; Mobile; J.R.M.S. 1333p. 359; Malaisie; wolle pl. 79f2, 3;
 Pant. 2, p. 99; Det. Syll. p. 1033;
 * forma *monocula*, Halim.-J.R.M.S. 1333p. 371;
 * vars., A.S., Atlas 79f14, 15; 67f7, 8; J.Q.C. 1337p. 10;
 * v. *abrupta*, Rattr.-J.R.M.S. 1333p. 370; Det. S.p. 1034;
 * v. *Carpentariae*, Rattr.-J.R.M.S. 1333p. 370; Det. S.p. 1034; (A. *pruinosus*?)
 * v. *circumdata*, Rattr.-J.R.M.S. 1333p. 370; Det. Syll. p. 1033;
 (A. *pruinosus*, var.)---
 * v. *robusta*, Witt 1333p. 12-2f9; (A. *robustus*.)--
 PUNCTULATUS, Grun.-Atlas 30f10; J.R.M.S. 1333p. 331; Pant. 2, p. 99;
 Det. S.p. 1029;
 QUADRICEPS, Bailey Coll.: Det. S.p. 1033; (Pompila.)---
 RACEMOSUS, Ralis.-T.M.S. 1333p. 46-2f9; Atlas 30f13; 125f6; Fortm. Cey.
 p. 62; J.Q.C. 1337p. 10; wolle pl. 39f7; (A. *Stockhardtii*.)-
 RADIALUS, E.-Jan. Gu. p. 15-1f6; Jan. & R. p. 4-3f15;
 (Biddulphia; -*Ceratulus Smithii*.)
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 RATTRAYI, Cl. litt.; J.R.M.S. 1333p. 363-12f2; Det. S.p. 1026;
 RETICULATUS, Grev.-T.M.S. 1333p. 47-2f10; Atlas 30f1, 2; Malaisie; J.R.M.
 S. 1333p. 394; wolle pl. 79f5-7; Det. S.p. 1030; (A. *pruinosus*, v.)---
 * var., A.S., Atlas 30f4; (A. *reticulatus*.)--
 * v. *Capensis*, A.S., Atlas 30f6; J.R.M.S. 1333p. 394; Det. S.p. 1030;
 * v. *quadrisingata*, A.S., Atlas 30f5; Det. S.p. 1030; J.R.M.S. 1333p. 394;
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" *v. aspera*, Grove. - Atlas 204 f 19:

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- v. permagna, Witt.-Atlas II7f4: (A. caelatus, v. major.)
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 v. inconspicua, Rattr.-J.R.M.S. I333p. 333; Not. '90p. 4I; Det. S. p. I032;
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> glomerata, Draparnald in Grateloup. - (Diatoma fasciculatum.)

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 HYSTRIX, Bory Encyclopedie, 1824: - (Synedra Gaillonii.)-
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 PARADOXA, Gracilin. - Linn. Syst. Nat., 1733, Vol. 3: E. Inf. 1. 195-15f1; Mik.
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- > delicatumum, Cl. Scot. p. 298 § 15: Cl. 1897 p. 19:
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* v. tropica, Grun.-M.M.J. I377p.173-194ff11; DeT. S. p.494: -(B. tropica.)

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* var., Castl. I337p.33-15ff3:

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FURCATUM, Shaub.-T.M.S. I354p.14-1ff1; Prit. p.333-3ff23; M. & R. S. p.33;

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Bacteria. - (H.V.H., 1893). -

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- , Harvey, Algae Friendly Islands, No. 99 & 10: (B. Harveyi.) ---
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v. rutilans, Grun.-Bot. Cblt. I330p. I529; Rabh. Alg. No. 2003;
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- FUSIDIUM, Grun.-Heaw. Vol. 6p. I7; Det. S. p. 309: (Navicula.)---
- HARVEYANAGrun.-Heaw. Vol. 7p. 4; Grun. I333p. 151a, f25; If4; 11. 6, 93; Petit
Cat. p. 29; V. i. S. pl. I6f14; Bot. Cblt. I330p. I522; Det. S. p. 297:---Alga?
- HOSPITANS, Grun.-M. M. J. I377p. -I95f6; Det. Syll. p. 303:
HUNGARICA, Pant. 2p. 55-9f135; Det. S. p. 303;-(*Amphipleura*)
- HYDRUROIDES, K.-Grun., Bot. Cblt. I330p. I530; Det. Syll. p. 305;
(Micromera & Schiz.)----
- INTERRUPTA, K.-Grun., Bot. Cent. I330p. I531; Det. S. p. 295;
(Raphidogloea i. & manipolata; *Homonoch. b.*)
v. medusina, K.-Grun., Bot. Cblt. I330p. I532; Det. S. p. 295:-(Raphidogloea.)
- INTRICATA, K.-Grun., Bot. Cblt. I330p. I530; Det. S. p. 304;-(Micr. & Schiz.)
- LINEATA, K.-Grun., Bot. Cblt. I330p. I579; Det. S. p. 307:-(Micr. & Schiz.)
- MANIPULATA, K.-Grun., Bot. Cblt. I330p. I527; Det. Syll. p. 295:-(Raphidogloea.)
- MICANS, Grun.-Heaw. Vol. 7p. 5; M. M. J. I377p. -I95f15; V. i. S. p. II3-I3f
II; 1. I55; Bot. Cblt. I330p. I520; Villef. p. 53; Wille pl. 31f15; Det. S.
p. 294:-(*Apleura*-Bergia; -Nannema; -Frust. costata; -Raphidogloea; -Schizonema)
v. Adriatica, K.-Grun.-Bot. Cblt. I330p. I530; Det. S. p. 295;
(B. fragilis, var., & A.)- > = var. "Y"-
v. libera, Grun., Bot. Cblt. I330p. I520; Det. Syll. p. 295;
(B. fragilis, libera, Arnott.)-

Obolus, var. tristis should be B. rutilans, var. a

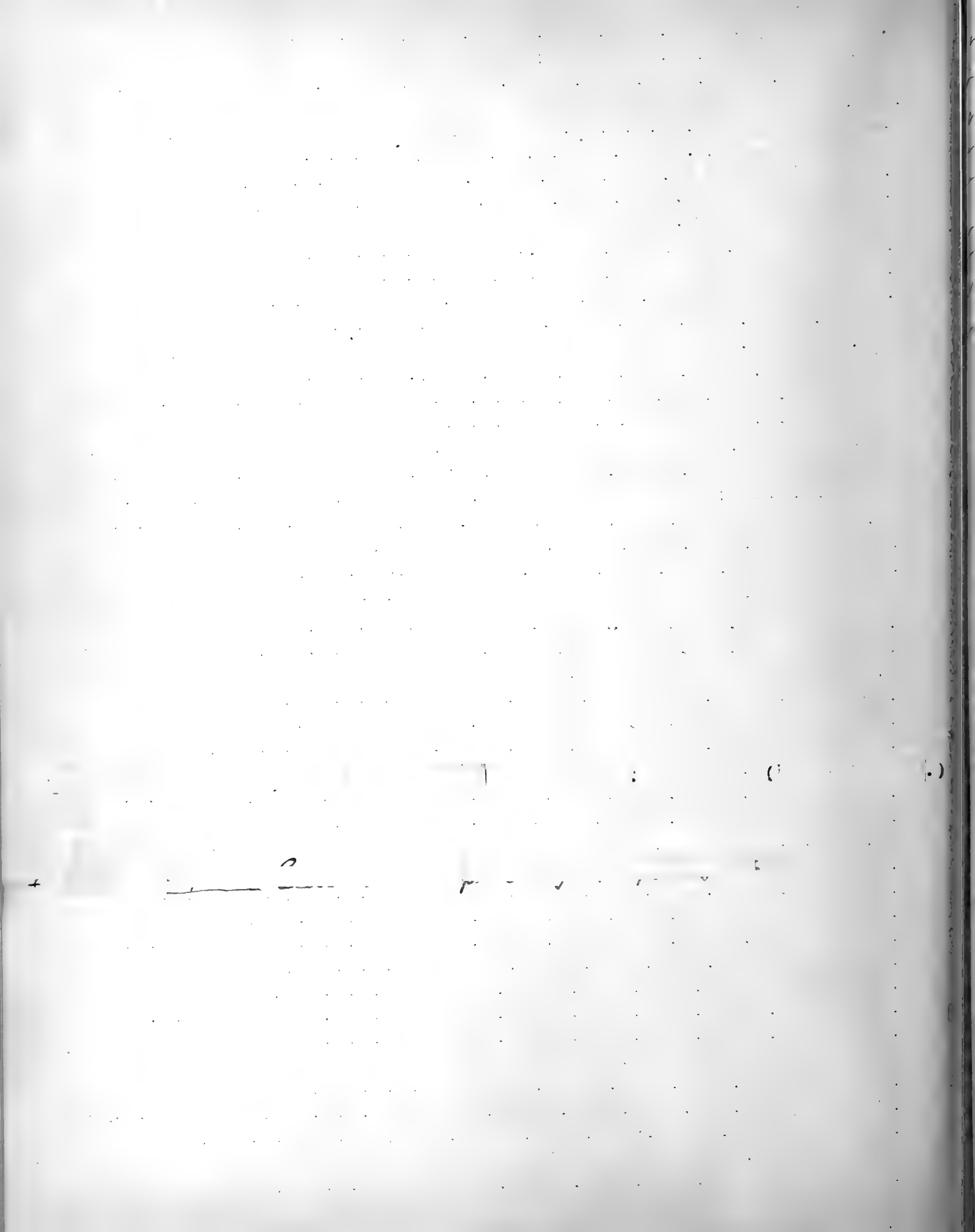
+ parvulus, Bot. Coll. 1800, 1532:

f. Rutilans, Rahl. alg. Eur. #2233:

|| v. ad. tristis (vide Obolus, var. a)

var. ad. tristis, Bot. Coll. 1800, 1532:

- v. radians, Ag.-Grin., Bot. Cblt. I330p. I535: Det. S. p. 294: -(Schizonema).
 NEOGRADENSIS, Pant. 3p. -36f503:
 OTUSA, Grev.-Grin., Bot. Cblt. I330p. I597; V. i. S. p. I. I5f15; Det. Syll.
 p. 302: (*Apleura rutilans*:-(*Micromega*, *Monema*, *Schizonema*.)---
 v. Adriatica, Grin.-V. i. S. p. I. I5f17, I3:-(*Apleura rutilans*:-(*Schiz. A.*)
 PARASITICA, Harvey.-Grin., V. i. S. p. I. I5f19: Det. S. p. 307:-(*Schizonema* s.)--
 v. cervicornis, Grin., Bot. Cblt. I330p. I533; Det. S. p. 303:--
 v. gracillima, Grin.-Bot. Cblt. I330p. I537; Det. S. p. 303:
 (*Micromega* & *Schiz.*)---var. "d".
 v. micosa, Grin., Bot. Cblt. I330p. I532; Det. S. p. 303:--
 v. Novae-Zeelandiae, Grin. I331. 22: Det. S. p. 303;
 v. trichocephala, Grin., Bot. Cblt. I330p. I532; Det. S. p. 303;--
 PATENS, K.-Grin., Bot. Cblt. I330p. I530; Det. Syll. p. 305;
 (*Micr.* & *Schiz.*)---
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 PUMILA, Grin.-Hew. Vol. 7p. I5f5: V. i. S. p. I. I5f13; Bot. Cblt. I330p.
 I526; Perag. p. 63; Villef. p. 53; Det. S. p. 295;
 (*Homoeocladia* p. & *Zosteræ*; -*Schizonema*: *Amphipleura micans*)
 RUTILANS, Trentepohl.-Grin., Bot. Cblt. I330p. I527; Gamf. p. 35; V. i. T.
 I53; Det. S. p. 297:-(*Amphipleura* I. No. 2:-(*B. Dillwynii*, v.: *Conferva*; -*Schiz.*)
 var. Adriatica, Grin.-Bot. Cblt. I330p. I526: Det. S. p. 299:-(*Schiz. A.*)
 v. ambigua, Gr., Bot. Cblt. I330p. I526; Det. S. p. 299: = var. "d".
 v. erinoidea, Gr., Bot. Cblt. I330p. I524; Det. S. p. 299:
 (*Schizonema* c., *quadripunctata*, *rutilans*, p. p.) = var. "d".
 v. comoides, Gr., Bot. Cblt. I330p. I526; Det. S. p. 301: = "BB".
 v. Dillwynii, Ag.-Gr., Bot. Cblt. I330p. I520; Det. S. p. 300:--
 (*B. & Conferva* *comoides*; *Conf. foetida*; -*Monema*; -*Schizonema*; -
 v. flava, K.-Grin., Bot. Cblt. I330p. I530; Det. S. p. 299: = "X".
 v. funicularis, Grin., Bot. Cblt. I330p. I526; Det. S. p. 200:--
 v. Hoffmannii, Ag.-Grin., Bot. Cblt. I330p. I533; Det. S. p. 293:
 (*Schizonema* H., *ectocarpoides* & *rutilans*, p. p.) var. "L", *Rat. & C. # 7482*
 v. Illyrica, K.-Grin., Bot. Cblt. I330p. I525; Det. S. p. 295:-(*Schiz. I.*)---
 v. implicata, Harvey.-Grin., Bot. Cblt. I330p. I520:
 Det. Syll. p. 300: = var. "ph":-(*Schizonema* i.)
 v. lubrica, K.-Grin., Bot. Cblt. I330p. I520; Det. S. p. 301:-(*Schiz. I.*) var.
 v. lutea, K.-Grin., Bot. Cblt. I330p. I527; Det. S. p. 297:-(*Schiz. I.*)--
 v. luteovirens, Grin., Bot. Cblt. I330p. I523; Det. S. p. 293: "E"
 v. lutescens, K.-Grin., Bot. Cblt. I330p. I523; Det. S. p. 297:-(*Schiz. I.*)---
 v. olivacea, Grin., Bot. Cblt. I330p. I523; Det. S. p. 297: "D"
 v. pallidus, Grin., Bot. Cblt. I330p. I520; Det. S. p. 300: = "C"
 v. parvula, K.-Grin., Bot. Cblt. I330p. I524; Det. S. p. 295:-(*Schiz. p.*)
 v. plumosa, K.-Grin., Bot. Cblt. I330p. I526; Det. S. p. 300:
 (*Micromega* & *Schizonema*.)---var. "ps".
 v. pumila, Grin., Bot. Cblt. I330p. I527; Det. S. p. 301: = var. "ee".
 v. sericea, Sahr.-Gr., Bot. Cblt. I330p. I523; Det. S. p. 295:-(*Schiz. s.*)--
 v. spauca, Grev.-Grin., Bot. Cblt. I330p. I520; Det. Syll. p. 299:
 (*Schizonema* s.) = var. "o".
 v. squarrosa, Grin., Bot. Cblt. I330p. I520; Det. S. p. 300: = "f"



- v. *sordida*, K.-Grün., Bot. Cblt. 1330p. 1591; Det. Syll. p. 301:
(*Schizonema* s. & *sericularinum*.) = var. "77"
v. *substriata*, Grün., Bot. Cblt. 1330p. 1591; Det. S. p. 301:
v. *striolata*, K.-Grün., Bot. Cblt. 1330p. 1591; Det. S. p. 301:
(*Schizonema* s., & var. *clavigera*.) = var. "22"
v. *tenuis*, K.-Grün., Bot. Cblt. 1330p. 1591; Det. S. p. 293: -(*Schizonema* t.)
v. *tenuissima*, K.-Grün., Bot. Cblt. 1330p. 1591; Det. S. p. 299:
(*Schiz. erinoideum*, p. p., & t.) = var. "77"
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- HEMITROPA, L.W.B.-B.C.M.H. 1332p. 344, f71, 73; (B. radians; -Zygoceros.)--
- HETEROCEROS, Grun.-V.H.S. pl. 102f5; Atlas 141f6; Det. S. p. 373:
- HETEROPORA, Grun.-V.A.S. pl. 112f2: (Tric.)
- HOMALA, Pant. Ip. 50-3f50; 2, p. 33; Notar. 1333p. 530;
Det. Syll. p. 374;
- v. minor, Pant. Ip. 50-13f163; Det. S. p. 374;
- IMPERIALIS, W. & C. Ip. 1-1f1; Notar. 1333p. 147; Det. S. p. 377: -(Tric.)
- INCLUDENS, E.-Abh. Ber. 1355p. 301: (Hemianthus.)--
- INDICA, Roper.-T.M.S. 1359p. 13-2f20-22; Prit. p. 349-3f12; R.E.D. p. 313;
Cl. Java p. 3; Fortm. Cey. p. 53; Brun & T. p. 69:
(Denticella; -Tric. contortum.)
- INELEGANS, Grev.- (Triceratium.)--
- v. areopora, H.V.A. Syn.: (Tric. a.)--
- v. micropora, H.V.A. S.: (Tric. m.)
- INFLATA, Grev.-T.M.S. 1365p. 50-3f15; Det. S. p. 375:
- IRREGULARIS, Grev.-Grun., in : (Tric.)--
- v. hebetata, Grun., in V.H.S.: (Triceratium.)--
- JAPONICA, Grun.- (B. coruscans.)
- JAPONICA, Castr. 1337p. 104-23f14; Det. S. p. 373:
- JAPONICA, Pant. 3p. -13f267, 271:
- JOHNSONIANA, Grev.-T.M.S. 1363p. 3-2f14, 15; Woll. pl. 97f5: -(Cerataulus.)
- LAEVIS, Ralfs, Prit. p. 343; R.E.D. p. 312: (Denticella.)--
- LAEVIS, E.-Amer. p. 122; Mg. pl. 33-15f6; A.J.S. 1342p. 1.2f3; Prit. 1352p.
457; T.M.S. 1359p. 23-2f24-26; Prit. p. 343; Sm. Sp. 1.59; Shark River; V.
H.S. p. 206-104f3, 4; T. 496; Mobile; Woll. pls. 97f1, 2; 103f3-10;
(Cerataulus; -Denticella; -Gallionella; -Melosira thermalis; -Odontella.)
- J. Q. C. 1370p. 42: -

- LATA, Grove & St.-J.Q.C. I337p. I35-I4f53; Atlas I72f7; Notar. I337p. 351; Det. Syll. p. 377:
 LOCZYII, Pant. 2p. 36-I5f255; Det. S. p. 375:
 LONGICRURIS, Grev.-M.J. I359p. I63-3f10; Prit. p. 349; R.E.D. p. 312; Cl. I373p. I5; wolle pl. 96f6; Malaisie; (Denticella.)--
 " var., A.S., Atlas I13f10:
 " v. japonica, Grun., V.H.S. pl. I01f7; (Denticella.)--
 " v. leptoceras, Grun.-V.H.S. pl. I01f1:
 LONGISPINA, Grun., V.H.S. pl. I02f5; Atlantic City; Wolle pl. 96f12; (Odontotrochis.)----
 LUNATA, E.-Abh. Ber. I344p. 77; Mg. pl. I3f53; W.S.A. p. I33; Prit. p. 349; R.E.D. p. 313; Wolle pl. 22f29; (B. Tuomeyi; -Eunotogramma.)----
 MACDONALDII, Norman.-Prit. p. 349-3f23; R.E.D. p. 313; (Denticella.)--
 MAMMOSA, Grev.-T.M.S. I363p. 7-2f16; (Odontella.)--
 MANCA, Jan.-Atlas I2If4; (Odontella.)--
 MEMBRANAcea, Cl. I373p. 20-5f35; Wolle pl. I10f9, I0; -(Janischia titiana.)
 MINUTISSIMA, Grev.-Trans. Bot. Soc. Ed. I365p. 437-6f14; (Odontella.)--
 MIRACULOSA, Brun.-Atlas I72f10:
 MOBILIENSIS, Bailey.-A.J.S. I345p. 333-4f24; V.H.S. pl. I01f4-5; I03f"A": Cleve Vega p. 503; Wolle pl. 95f9; Cl. I897p. 20:
 B. baileyi; -Denticella; -Triceratium; -Zygoceros.)---
 MORONENSIS, Cl.-N.L.W.D. p. 23-4f53; Det. Syll. p. 372:
 MULTICORNIS, Grun.-V.H.S. pl. I02f7; Det. S. p. 373:
 " v. templum, Brun.-Atlas I73f13, I4;
 NITIDA, Grev.-T.M.S. I365p. 52-6f11; Det. Syll. p. 375:
 NOBILIS, Br.-Brun & Temp. p. 27-5f11; Atlas I72f6; Det. S. p. 374; (B. robusta.)--
 OAMARUENSIS, Groe. & St.-J.Q.C. I336p. 325-I3f10; Atlas I4If4; Notar. I337p. 345; (Odontella.)----
 OBLIQUA, Grun.-~~W.H.S.~~ (Triceratium.)--
 OBLIQUATA, Gray.-Brit. Fl. p. 294; -(Isthmella; -Isthmia o. & o. vivis.)---
 OBTUSA, W. & Prit. p. 343-I3f30-32a; Grun. I363p. 23; R.E.D. p. 312; V.H.S. pl. I00f11-I4; Brun & T. p. 69; Malaisie; (Odontella.)---
 " v. spinosa, Brun & T. p. 69:
 " v. wigandii, Rabh. E.D. p. 312; (Odontella biddulphoides.)----
 ORNATA, Castr. I337p. I05; (Amphitetras.)--
 " v. hirsuta, Castr. I337p. I05-23f9; (Amphitetras h.)----
 PARALLELLA, Castr. I337p. I03-23f10; 26f7; Det. Syll. p. 373:
 PATAGONICA, E.-Mik. p. 299; Det. Syll. p. 373:
 PEDALIS, Grove & St.-J.Q.C. I337p. 74-6f22; Notar. I337p. 345; (Grovea; -Odontella.)----
 PELLUCIDA, Castr. I337p. I03-23f5; Notar. I339p. 74b; Det. Syll. p. 373:
 PERMAGNA, Pant. 2p. 36-25f372; 3p. -35f500; Det. S. p. 372; (B. pulchella.)
 PERPUSILLA, Bailey Coll.; Det. Syll. p. 373:
 PERUVIANA, Grun.-V.H.S. pl. I01f2, 3; Atlas I20f14-I9; (B. tumida, v.: -Tric.)----
 PLANA, A.S., Atlas I2If7, 8; Malaisie; (Odontella.)

+ pulchella. - Mm. 8. 1877 p. 63-171 f 1-5:

punctata, v. cretacea, Bn. + L.D. vol. 2 pl. 22 f 14:

.....

(Hemicilius.) ---

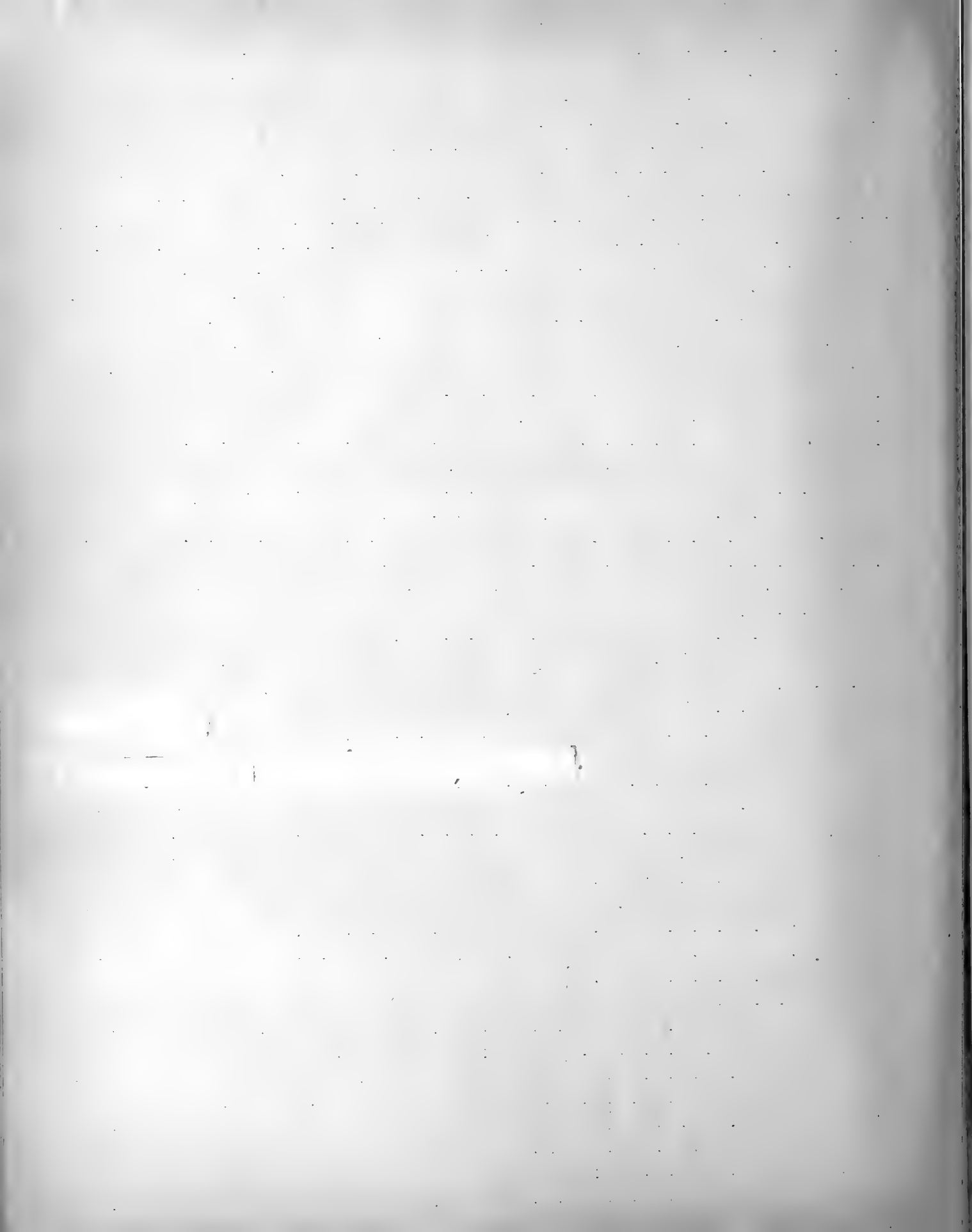
(B. Edwardsii; -Geratilis Boryanis; -Omontella.)--

Malaisie; wolle pl.93f13,14; (Quontella.)---

> spinosa, v. Hillabyana, Br. - L.S. vol. 2, n. 22 pl. 22 f 13:

+ suborbicularis, Oestrup 1897 p. 343-2 f 14:

- vars., Cl. & M. No. 234: --, Grun. 1333p. 23;
 --, Cl. Vega p. 503; --, Castr. 1337p. 102-2019;
 " var. "b", Roper, T.M.S. 1359p. 14-2f13, 17;
 " v. dubia, Brew. - Cl. Vega p. 503; (Triceratium d. & bicorne.) ---
 " v. trigona, Grun. - Cl. Vega p. 503; V. A. S. pl. 102f3;
 REVERSA, Gro. & St. - J. Q. C. 1337p. 134-14f32; Not. 1337p. 351; Det. S. p. 375;
 RHOMBUS, S. B. D. 2p. 49pls. 45, 3If320; T.M.S. 1359p. 11-1f4; 1310p. 40; R.
 E. D. p. 311; N. & R. S. p. 71; M. D. pl. 43f13; Eaw. N. 1. pl. 2f21, 22; Can. 1. 95;
 Grun. 1333p. 23; Jan. Gu. p. 17; Flogel, Baltic; O'M. I. D. 1. 274; Sm. Sp. 7. 3f;
 Deby Pola. p. 10; Lager. 1373p. 14; M. T. P. 4-3-4; Hall; Cl. 1333p. 213; Vega
 p. 435; 1373p. 9-1f2; Atlas 120f11-13; 151f9, 10; V. A. S. pl. 205-99f1-3; T.
 439; Brun & T. p. 39; Villef. 1. 39; Atlantic City; Wille pl. 95f7-10;
 Mobile: (Denticella; -Odontella; -zygoceros r. & radiatus.) -
 " var., ?? (Tric. membranaceum.) ---
 " v. fossilis-trigona, Brun. - LeD. Vol. 1p. 22-4f3;
 " v. tetragona, A. S., Atlas 151f11;
 " v. trigona, Cleve. - V. A. S. p. 205-99f2; T. 490; J. Q. C. 1337p. 74;
 (Triceratium striolatum.) ---
 RIGIDA, A. S., Atlas 120f1, 2; Brun & T. p. 39; Det. S. p. 375;
 ROBUSTA, Pant. 2p. 33-12f203, 205; Det. S. p. 372; (B. nobilis.) ---
 ROPERIANA, Grev. - M. S. 1359p. 133-3f11-13; Prit. p. 349; R. E. D. p. 312; Sm.
 Sp. 7. 32; M. T. P. 4-3-3; Cl. 1373p. 15; Vega pp. 503, 503; Atlas 120f20-24;
 Castr. 1337p. 106-26f4; Malaisie; V. A. S. pl. 99f4-5; Wille pl. 95f3, 11-13;
 Brun & T. p. 39; (Odontella.) ---
 RUSSICA, Pant. 2p. 33-20f313; Det. Syll. p. 377;
 RUHENICA, Witt 1335p. 22-9f9, 10; Atlas 121f22, 23; 122f19;
 Pant. 2p. 36; (Denticella.) ---
 SANSIBARICA, A. S., Atlas 122f10-12; (Denticella.) ---
 SARATOVIANA, Pant. 2p. 37-13f273; Det. Syll. p. 373;
 (Hemiaulus polycystinorum v. Simbirskiana.) ---
 SCULPTA, Shadb. - V. A. S. p. 203; T. No. 502; 109f78: 7508; (Tricer.) ---
 SEPARANDA, Jan. - Atlas 141f27; (Odontella.) ---
 SEPTEMLOCULARIS, W. B. p. 133-19f2; W. S. A. p. 133; Prit. 1352p. 457;
 (B. pulchella & var.) ---
 SETICULOSA, Grun. - V. A. S. pl. 101f7, 8; Atlas 121f20, 21, 24;
 Atlantic City; Wille pl. 95f7, 8; (Denticella.) ---
 SINUATA, Grev. - T. M. S. 1365p. 45-5f10; Det. Syll. p. 375;
 SMITHII, H. V. A. S. p. 207-105f1, 2; T. 497; Deby. Pola. p. 11; -(Geratulus.) ---
 * SPINOSA, Grev. - T. M. S. 1365p. 6-1f3; (Denticella.) ---
 * STRIOLATA, H. L. Sm. - Flogel, Baltic;
 SUBAEQUA, Ralfs, Prit. p. 343; R. E. D. p. 312; Atlas 141f11; -(Odontella.) ---
 " v. Baltica, Grun. - V. A. S. pl. 100f5, 6; (Odontella s. var.) ---
 SUBLAEVIS, Grun. - V. A. S. pl. 100f3; Atlas 122f17; (Odontella.) ---
 * SUBORBICULARIS, Grun. - V. A. S. pl. 100f15, 16; Wille pl. 95f5, 6; -(Denticella) ---
 SURIRELLA, Ralfs, E. D. p. 311; (zygoceros.) ---
 TENERA, Grove & St. - J. Q. C. 1337p. 134-14f55, 57; Atlas 141f5; Notar.
 1337p. 351; Det. Syll. p. 376;
 TENTACULIFERA, Cleve. - N. L. K. D. p. 23-5f37; (Odontella.) ---



- TENUIS, L.W.B.-B.J.N.H. 133Ip.335-If25; Wollé pl.93fII, I2; Del.S.p.933;
 TENUCORNIS, Grev.-T.M.S. 1355p.51-3fI7; (Ooontotropis.)-
 TITIANA, Grun., Cl. & M.No. 176; |
 (Cerataulus; -B.membranacea; -Janischia.)
 TRANSVERSA, Wigand.-Hedw.Vol.2p.45-7fI3; (B.pulchella & var.)--
 TRIDENS, E.-Abh.Ber. 134Op.205; (B.Tuomeyi; -Denticella.)-
 TRIDENTATA, E.-Abh.Ber. 1344p.39; Mg.pls. 13f52a-c; 2If24a-a: 20-If53;
 19f2I; Mg. 1356p.63; weisse 1354pls.2f33; 2f"7": 1334p.243; Prit.p.
 343; R.E.D.p.3I2; Atlas II3fI3-7; Pant.2p.37-15f253; Malaisie;
 Atlas 142f42, 43; (B.tridens & Tuomeyi; -Denticella; -Enotogr.weissii
 forma minor, Pant.2p.37-2If326;
 v. Andesitica, Pant.2p.37;
 TRILOCULARIS, K.B.p. 133-29f39; K.S.A.p. 137; Prit. 1352p.456;
 (B.pulchella; -Denticella biddulphia & tridens.)--
 TRINACRIA, L.W.B.-B.J.N.H. 133Ip.333-If34, 35; Wollé pl.93fI3, I4;
 Del.Syll.p.933;
 TSCHESNOVITZ, Pant.3p. -23f333;
 TUBULOSA, Bran, 139Ip. 13-12f9; (Ooontella.)---
 TUMIDA, Roper.-T.M.S. 1359p.15-2fI3, I9; Prit.p.349; R.E.D.p.3I3;
 (B.Peruviana; -Denticella; -Ooontella.)---
 TUOMEYI, Bailey.-T.M.S. 1359p.3-IfI, 2; Prit.p.343-3fI0; Breb.Verm.p.10;
 R.E.D.p.3I2; Petit Cat.p.35; Fortm.Cey.p.57; Cl. 1373p.15; Vega p.503;
 V.H.S.pl.93f2, 3; J.Q.C. 1335p.133; 1336p.324; Witt 1333p.12-3fI5, 2I;
 Castr. 1337p.106-23fI0; Malaisie; Atlas II3fI-7; II9fI-3; Bran & T.p.
 69; Atlantic City; Perag.p.75; Villef.p.69; Wollé pls.22fI; 95fI-4;
 Pant.2p.37; Del.Syll.p.37I;
 (B.lunata; -B.(& Denticella) gigas, regina, tridens, tridentata; -
 Denticella margaritifera; -Zygoceros.)--
 v. vars., A.S., Atlas II9f3, I5-17;
 v. andesitica, Pant.2p.37; Del.S.p.37I;
 v. Boryana, Pant.2p.37; 3p. -IIIfI35; Del.Syll.p.372;
 v. elongata, Pant. 1p.51-30f3II; 2p.37; Notar. 1333p.530;
 Del.Syll.p.372;
 v. globiceps, A.S., Atlas 120f3;
 v. Hungarica, Pant.2p.37-13f290; 19f30I, 303; Del.S.p.372;
 v. Pacifica, Castr., 1337p.103-30f3;
 TURGIDA, S.B.D.2p.50-32f334; T.M.S. 1359p.17-2f23; Prit.p.349; Carr.p.
 95; Schum. 1367p.60; N. & R.S.p.33; Hull; R.E.D.p.3I2; O'M.I.D.p.273;
 Deby Polder p.II; Cl. 1373p.9; 1373p.15; V.H.S.p.206; Shark River;
 Wollé pl.97f3, 4, 7; Atlantic City; M.M. 1377p.63-171f8-12
 (B.granulata; -Denticella; -Ooontella.)--
 URSINA, E.-Abh.Ber. 1344p.200; K.S.A.p. 133; Prit.p.349; R.E.D.p.3I3;
 Del.Syll.p.377;
 UNIFASCIATA, Wigand.-Hedw.Vol.2p.45-7fI9; (B.pulchella & v.)--
 VASIA, Pant.2p.37-22f333; Del.S.p.373;
 VIRGATA, Grove & St.-J.Q.C. 1333p.325-13fII; (Kittonia.)-
 VITREA, Bran, 139Ip. 13-19fI0; (Denticella.)---
 VITATA, Gro. & Sturt.-J.Q.C. 1337p.134-IIIfI9, 20; Notar. 1337p.35I;
 Del.Syll.p.373;

Brebissonia.

Boeckii - Cleve Trav. p. 125:

" v. minor, Cl. Trav. p. 125:

Calamphosa.

Subgenus Amphorae: - Vide Cl. Trav. 2p. 126: - 1893.

WOOLMANT, V. & S.-T.B.C. Vol. 1, pp. 74-39f3; wolle 95f4; Def. Syll. p. 5/2:

(Amphora; -Navicula a., & var.: -Nav. brachysira; Nav. sericans.) -

(Navicula:-

(B. excellens.) --

(Camylouisens.)--

+ baellaris,

" var; thermalis, Gr. - Cl. 1895 p. 16:

Bohemica, E. - Cl, Ser. 2, No. 19 p. 145-9 f 5:

(Varicella). -

- ABNORMIS, Grun.-Cl.Navic.p.61: (Navicula.)
- ADENENSIS, Cl., Nav.p.60-3f33;
- AEMULA, A.S.-Cl.Nav.p.57: (Nav.a. & subulvisia.)
- v.major, Cl. & Gro.-Cl.Nav.p.57: (Nav.ae., v.major.)
- ALPESTRIS, Grun.-Cl.Nav.p.53: (Navicula.)
- AMICA, Cl. & Gro.-Cl.Nav.p.64:- (Navic.)
- AMPHISBAENA, Bory.-Cl.Nav.p.53: -(Frust.depressa; -Nav.amph.)-
- v.Fenzlii, Grun.-Cl.Nav.p.59: (Nav.F.: -N.amph.v.Fenzlii: -N.elegans;)
- v.fusca, Schum.-Cl.Nav.p.53: (Nav.fusc.)
- v.liburnica, Grun.-Cl.Nav.p.53: (Nav.l.)-
- v.subsalina, Donk.-Cl.Nav.p.53: (Nav.amph., vars."b", salina & subsalina.)--
- " subsalina, forma major, Cleve Nav.p.53;
- v.Vukotinovicii, Pant.-Cl.Nav.p.53:- (Nav.V.)---
- ANDERSSONI, Cl.Nav.p.60: (Navicula.)
- BACILLARIS, Greg.-Cl.Nav.p.50: a. cl. 1895 p. 15: (Navicula.)
- BECCARIANA, Grun.-Cl.Nav.p.50: (Nav.B.)
- BICLAVATA, Cl. & Gro.-Cl.Nav.p.59: -(Nav.b.: -Stauroneis Breb.)
- BICONSTRICATA, Gro. & St.-Cl.Nav.p.63: (Nav.b.)
- BISERIATA, Petit.-Cl.Nav.p.63: (Nav.b.)----
- BIVITTATA, Pant.-Cl.Nav.p.59: (Nav.b.)---
- BOGOSSENSIS, Pant.-Cl.Nav.p.53: (Nav.B.)--
- v.Heribaudi, Perag.-Cl.Nav.p.53: (Nav.Her:)
- BLANDA, A.S.-Cl.Nav.p.62: -(Nav.b.: -Pinn.Ergadiensis.)---
- BOTTNICA, Cleve Nav.p.61-3f42;
- BREVIS, Grev.-Cl.Nav.p.61: Oestrup 1897 p. 311: (Nav.b. & crassa.)--
- v.distoma, Grun.-Cl.Nav.p.61: (Nav.d.)---
- v. " forma angustior, Grun.-Cl.Nav.p.61: -(Nav.d., forma ang.)--
- v. " " bicuneata, Cleve, Nav.p.61:
- v. " " latior, Grun.-Cl.Nav.p.61: -(Nav.d., forma l.)--
- v.vexans, Grun.-Cl.Nav.p.61: -(Nav.brevis, var.v., & elliptica.)--
- CAMPBELLI, Petit.-Cl.Nav.p.63: (Nav.C.)
- CASTRACANEI, Grun.-Cl.Nav.p.64: (Nav.C.)---
- v.Calcaonica, Cl.Nav.p.64;
- v.genuina, Cl.Nav.p.64: -(Nav.C.)-
- v.Petitiana, Grun.-Cl.Nav.p.64: (Nav.P.)
- v.Phillipinarum, Cl.Nav.p.64:
- v.Seychellensis, Grun.-Cl.Nav.p.64:
- CLAVIGERA, Cl.Nav.p.56-4f3;
- CLEVEI, Lagr.-Cl.Nav.p.51: (Nav.C.)
- COLUMBIENSIS, Cl.Nav.p.51-3f34;
- CONSIMILIS, A.S.-Cl.Nav.p.57: (Nav.c.)
- CURVINERVIA, Grun.-Cl.Nav.p.53: (Alloionosis c.)
- DISPERSA, Gro. & St.-Cl.Nav.p.62: -(Mastogloia decorata; -Nav.d.)---
- DUSENII, Cleve Nav.p.59-4f4;
- EGENA, A.S.-Cl.Nav.p.66: (Nav.e.)--
- ELONGATULA, Pant.-Cl.Nav.p.53: (Nav.e.)----

+ fasciata, a. el. 1895 p. 16:

+ liber, W.S. -

- " var. elongata, Gn. - (Atlas 1 f 27); Oestrup 1897 p. 311:

-
- EUGENIAE, Cl.Nav.p.56: (Navicula E.)---
- EXIMIA, Grun.-Cl.Nav.p.56-4f2:
- FASCIATA, Lagr.-Cl.Nav.p.50: (Nav.bacillum & var.inconstantissima; -N. f., fonticola, fontinalis, lacinarum, Gregatii var.lanceolata, molaris var.Abyssinica; -Stauroneis bac.: -Staur.(Pleurostaurum)parvulum.)
- FORMICINA, Grun.-Cl.Nav.p.66: (Nav.f.)
- FORMOSA, Greg.-Cl.Nav.p.57: (Nav.f., libanica & Oregonica.)---
 v.Holmiensis, Cl.Nav.p.53: (Nav.f. & l.)--
 v.interrupta, Cleve Nav.p.53:
 v.quadrifida, Grun.-Cl.Nav.p.53: (Nav.q.)
- FRATER, Cl.Nav.p.60-3f26;
- GALAPAGENSIS, Cl.Nav.p.57: (Nav.G.)
 v.contracta, Grun.-Cl.Nav.p.57: (Nav.con.)
 v.Japonica, Cl.Nav.p.57: -(Nav.G., var.Jap.: -N.corrupta.)
- HARMANIANA, Cleve Nav.p.67:
- HOLSTII, Cl.Nav.p.62: (Nav.H.)
- KAINITZII, Pant.-Cl.Nav.p.53: (Nav.K.)
- KINKERIANA, Truan.-LeD.Vol.21.76-12f5; Cl.Nav.p.65: -(Nav.K. & Venus.)--
- KRYOPHILA, Cl.Nav.p.64: *Det. 1897p.311-2f3* - (Nav.K. & var. elliptica.)---
- LADOGENSIS, Cl.Nav.p.62: (Nav.L.)
- LAGERHEIMI, Cl.Nav.p.61; *LeD.Vol.21.17p.99-7f10.*
- LATEFASCIATA, Grun.-Cl.Nav.p.57: (Nav.l.)--
- LATEVITTATA, Pant.-Cl.Nav.p.67: (Nav.l.)
- LATIUSCULA, K.-Cl.Nav.p.61: (Nav.l. & patula.)----
- LEPIDULA, Grun.-Cl.Nav.p.50: (Nav.l.)
- LIBER, W.S.-Cl.Nav.p.54: (Nav.l.)--
 v.bicuneata, Grun.-Cl.Nav.p.55: -(Nav.B., Bleischii & maxima.)---
 v. " forma lanceolata, Cl.Nav.p.55: (Nav.excentrica, p.p.)
 v.Bleischiana, Cl.Nav.p.55-4f1: (Nav.B., p.p.)
 v.excentrica, Grun.-Cl.Nav.p.55:
 (Nav.exc., p.p.: -N.deleta & formosa var.fossilis.)----
 v.genuina, Cl.Nav.p.54: -(Nav.l., maxima, l.p., & formosa.) *Det. 1897p.311*
 v. " forma convexa, Cl.Nav.p.54: (Nav.Hauckii.)
 v. " tenuistriata, Cleve Nav.p.54;
 v.linearis, Grun.-Cl.Nav.p.54: (Nav.l.)
 v.relegata, Cl., Nav.p.54;
 v.umbilicata, Grun.-Cl.Nav.p.54;
 (Nav.maxima, vars.umbilicata & Asiatica.)
- LOBATA, Schwartz.-Rab.Alg.248I: Cl.Nav.p.51: -(Nav.l.)
- MADAGASCARENSIS, Cleve Nav.p.59: (Nav.M.)-
- MUSCA, Greg.-Cl.Nav.p.15:
 (Nav.m., muscaeformis, p.p., constricta & intercedens.)-
 v.eurynota, Cl.Nav.p.65:
 v.intermedia, Cl.Nav.p.65: (Nav.m., var.inter.)
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 " v. Vidovichii, Grun.-Cl. Nav. p. 53: (Nav. V.)
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 " v. subelliptica, Cl. Nav. p. 55: (Nav. rob., var. s.) -
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 " v. bimaculata, Pant.-Cl. Nav. p. 50: (Nav. b.) ---
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 " v. Boryana, Pant.-Cl. Nav. p. 50: (Nav. b. & pavida.) -
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 " v. trinodis, Lewis.-Cl. Nav. p. 53: -(Nav. t. & biconstricta.) ---
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 " v. alpina, Cl. Nav. p. 51: *1895 p. 15-19*; -(Nav. s., p. p., & limosa.) --
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 " v. minuta, Grun.-Cl. Nav. p. 52: (Nav. vent. v. in.) --
 " v. undulata, Grun.-Cl. Nav. p. 51: (Nav. limosa, v. und.)
 " v. subventricosa, Grun.-Cl. Nav. p. 52: (Nav. s.) ----
 " v. truncatula, Grun.-Cl. Nav. p. 52: (Nav. vent. v. tr.) ---
 " v. ventricosa, E. (Donk).-Cl. Nav. p. 52: *cl. 1895 p. 15*: (Nav. vent., & var. subula, p. p.:
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14 f 31 = *C. braziliensis*:-

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> aemulus, a.s., atlas 207 f 12;

> Bellus, a.s., atlas 207 f 4, 5:

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- BICINCTUS, Castr. 1367p.33-11f2; Notul. 1339p.333; Del. S. p.615; ---
- BICOSTATUS, W.S.-T.M.S. 1354p.75-6f4; S.B.D. 2p.33; Prit. p.301; R.E.D. p.47; Breb. D.C. p.13; Grun. 1362p.444-10f1b; 1373p.24; Carr. p.33; Deby Polder p.11; Atlas 55f4-6; Italy; V.H.S. pl.75f2; 1.433; Cl. 1391p.53; Wollé pl. 110f3,4; Del. S. p.626; Deby Camp. pl. 17f33a, bp.42: (C. remora.) ---
- v. Arabica, A.S., Atlas 55f7: (C. bicostatus.) -
- v. parvula, Grun. 1362p.444-10f2:
- v. Peisonis, Grun. 1362p.444-10f1a;
- v. quadrata, Grun. 1362p.444-10f3a,b;
- BICRUCIATUS, Greg.-T.M.S. 1357p.73-1f42; Prit. p.799; Carr. p.33; R.E.D. p.46: (C. Thurelliae similans.) ---
- BIFURCATUS, A.S., Atlas 52f3; Wollé pl. 72f2; Deby Camp. pl. 3f41p.42: ---
- BIMARGINATUS, A.S., Atlas 16f7; 13f15; Wollé pl. 33f3; Deby Camp. p.42-3f47; Del. Syll. p.625:
- BIROSTRATUS, Deby Camp. pl. 1f1p.42; Atlas 14f23; Del. Syll. p.603: (C. impressus.) -
- BISERIATUS, Deby Camp. pl. 1f11p.42; Atlas 15f11; Del. S. p.611:
- BORYANUS, Pant. 3p. -40f550;
- BRASSAYI, Pant. 3p. -30f443;
- BRAZILIENSIS, Deby Camp. p.19; Atlas 14f31; 13f3; (C. Samoensis. v.)
- BREMIANUS, Pant. 3p. -40f543;
- BRIGITWELLII, Grun. 1362p.445-9f5; R.E.D. p.51; Atlas 15f6,7; ---
- Cl. Java p.11: (C. striatus & undulatus.)
- BRIOCENSIS, Grev.-Atlas 51f1,2: (C. eximius, v.) ---
- BROWNEANUS, Grev.-T.M.S. 1362p.39-9f2; R.E.D. p.51; Del. Syll. p.620; Deby Camp. pl. 5f24ap.42: (C. circumcinctus.) -
- v. Phalangium, A.S.-Deby Camp. pl. 5f24c; Del. S. p.620;
- v. rotula, Grove.-Deby Camp. pl. 5f24b; Del. Syll. p.620;
- BRUNEANUS, Deby Camp. p.95; Del. Syll. p.610:
- CALCAR, Fortm.-Annales Bot. Brit. Zool. 1392p.23-4f1; Deby Camp. p.1.20;
- CALIFORNICUS, Grove.-Deby Camp. p.37-14f70; Del. S. p.625;
- CAESATIANUS, Rabh. E.D. p.50: (C. echeneis, v.) -
- CANALISATUS, Brun & Temp. p.23-2f5: *Deby C. p. 91* (C. vitricavus.)
- CARINATUS, E.-Abh. Ber. 1375p.133; Del. S. p.632;
- CASPIUS, E.-Abh. Ber. 1340p. : 1372p. 171-12f11: (C. echeneis.) ---
- CASTILII, E.-Abh. Ber. 1369p.46pl. 1f1: Wollé pl. 56f9: (C. clypeus.) ---
- CASTRACANEI, Jan. Gaz. pl. 19f15; 20f1: (C. inaequalis, v.) ---
- CENTRALIS, Greg. D.C. p.29-3f51; Prit. p.300; Carr. p.33; Italy; R.E.D. p.43: (C. latus.) ---
- CIRCUMACTIS, A.S., Atlas 14f34,35; Deby Camp. pl. 2f12, *p.42*; Del. S. p.605: (C. marginatus.) ---
- CIRCUMDUCTUS, Fortm. Cey. p.47-4f51; (C. Browneanus & rotula.) -
- CLEVEI, Fortm.-Ann. Bot. Brit. 1392p.29-4f4:
- CLIVOSUS, Brun & T. p.23-2f11; Deby Camp. p.1.92-12f5; Del. Syll. p.627: (C. contiguus.)

+ crebrecostatus, atlas 208 f 14: Petit, Cap Horn:

- ~~1836/130~~ :
 CLYPEUS, E.-Abh. Ber. 1840p.205; 1841p.11; 1859p.1.1a, 11; 1870p.1.2-111;
 1871pls.1a, 112; 1b, 129; 1c, 11; Mg. pls. 10-111; 10-2f21; 11f3; 13-11
 23; 13-2f4; 39-1113; 1853p.33; K.B.p.59-2f5; K.S.A.p.32; A.O.S. 1851
 pl.2-111; S.B.D.21.33; R.Alg.No.1131; weisse 1850p.353-111; Cl. 1.1.11
 14; Prut.p.301-17f513-513; Eil. Sp. 1.17; Grun. 1852p.443; 1873p.24; R.
 E.D.p.47; Jan. Gu. p.17; Schum. 1862p.135; Carr.p.33; Girard Foss.p.9-
 1f4; Cl. 1863p.233; 1891p.53; Eiben, 1871; Cl. & M. 13; Breb. Verm. p.3;
 Lagr. 1876p.43; Sm. Sp. T. 32; M.T.P. 2-3-10; Atlas 55f1-3; 54f7, 8; B.S.
 B. 1879p.3; J.Q.C. 1835p.167; Dannf.p.41; V.H.S.p.191-75f1; 1.435; Del.
 Syll.p.615; Mobile; Perag.p.33; Wollé pl.73f3; Malaisie; Pant.2p.70;
 Deby Camp.pl.9f50p-42;
 (C.Castilii, Humboldtii, ovatus, stellula; -Cocconeis; -Spiricella.)----
 COCCONEIFORMIS, Grun., Cl. & M.No. 173, 214; Cl. Vega p.502-33f73;
 Deby Camp.p.42-9f51;
 COLLECTUS, L.W.B.-B.O.N.A. 1861p.333-2f33-40; Del.S.p.332;
 COMPTUS, Jan. Gaz. pl. 19f13; (C.singularis.)----
 CONCINNUS, Grev.-T.M.S. 1850p.30-3f2; Prut. 1.300; Grun. 1853p.5; Atlas
 13f16, 17; Wollé pl.72f5; *Petit, Cap. Hume* (C.marginatus & imperialis.)--
 " v.lineata, A.S., Atlas 53f9; Wollé pl.72f6; (C.lineatus.)--
 CONTIGUUS, A.S., Atlas 13f19-21; Malaisie: (C.latus.)
 COMORTIUS, Pant.3p. -35f501;
 COOPERI, ? Del.Syll.1.332;
 CORONILLA, Brun, 1891p.14-21f3; Deby Camp.p.33-13f33; 14f39;
 Del.Syll.p.325; (C. Degeanus.)
 CORUSCANS, A.S., Atlas 14f17; Deby Camp.p.42-7f35; Del.S.1.322;
 COSTIATUS, W.S.-A.M.N.A. 1851p.6-111; S.B.D. 1.29-6f52; Grw. Inf. fauna
 pl.9f10; M.D. 1.12f6; Heib.p.99; Hew. Vol. 2p.29pl.5; Hall; R.E.D.p.
 46f11a; Schum. 1864p.13; Italy; N. & R.S.p.35; Roper, Thames; Cl. 1863p.
 232; Carr. 1891p.545f105; Perag.p.33; Wollé pl.59f13, 14; 1810.1.162;
 A.M.M.J. 1891p.1.1f25; (C.hibernicus & Noricus.)
 " var. "b", S.B.D. 1.29-6f52b; Grun. 1862p.436-10f6; Rauh. Alg.
 No. 1441 sub; (C.Noricus, v.)-
 CRASSUS, Pant.3p. -36f516;
 CREBRECOSTIATUS, Grev.-T.M.S. 1853p.14-1f6; R.E.D.p.51; Malaisie;
 Fortm. Cey.p.46; Cl. Vega p.513; Deby Camp.p.42-1f5; Del.S.1.313;
 (C.angularis, australis, intermedius, singularis, leufleri, humilis.)
 " v.speciosa, A.S., Atlas 15f16; Malaisie;
 CREBRESTRIATUS, A.S., Atlas 14f23; 53f16; Wollé pl.33f9; (C.crebrecost.)
 CRIBROSUS, W.S.-A.M.N.A. 1851p.7-1f3; S.B.D. 1.29-7f55; Carr.p.33; Cl.
 1863p.233; Roper, Thames; New Zealand; Hall; Lagr. 1873p.46; Malaisie;
 Perag.p.33; Shark River; Wollé pl.70f1, 2; (C.argus & echeneis.)
 CRYSANTHEMUM, Brun & T. 1.26-2f7; Deby Camp.p.91-12f55; Del.S.1.325;
 DAMAELIANUS, Grun. 1873p.24; Atlas 54f1, 2; Cl. & M.No.30; Vega p.507;
 Malaisie; Pant.2p.71; Deby Camp.p.43-12f53; Del.S.p.616;
 " v.comminuta, A.S., Atlas 17f11;
 " v.Sonderianus, Grun. in litt.: -

- DECORUS, Rafs, Prit. p. 300; Grun. 1332p. 443-9f7; Breb. B.C. p. 13, f2;
Verm. p. 8; Carr. p. 33; Hall: Atlas 14f4, 5; Fortm. Cey. p. 45; Vega p.
513; V.H.S. pl. 75f3; Perag. p. 63; Villef. p. 61; Italy; Deby Camp. 1. 43-
-2f15; Malaisie: (C. Ralfsii, v.)-
* v. pinnata, Perag. Villef. p. 61-1f1: (C. Ralfsii, v.)--
- DEBYI, Fortm. -Ann. Bot. Brit. 1892p. 27-3f1: *Deby C. p. 43*:
- DENSECOSTATUS, Cl. Vega p. 513-33f73; Det. S. p. 614: (C. crebriecostatus, v.)-
- DENTATUS, Deby Camp. p. 63-14f74; Det. Syll. p. 619:
- DETOMIANUS, Deby Camp. p. 63-14f74; Det. Syll. p. 616;
- DILATUS, Pant. 3p. -33f532:
- DIPLOSTICTUS, Norman. -T.M.S. 1360p. 31-3f6; Prit. p. 302; Malaisie;
R.E.D. p. 51; Det. S. p. 616;
- DIVISUS, Fortm. Cey. p. 43-5f53; Malaisie; (C. latus.)-
- DOEGEANUS, Deby in litt.: Camp. 1. 22; Det. S. p. 625: (C. coronilla.)-
- DUBIUS, Fortm. Cey. p. 43-4f47a, b: (C. latus.)-
- ECCLESIANUS, Grev. -M.J. 1357p. 10-3f5; Prit. p. 301; R.E.D. p. 51; Mobile;
Atlas 13f10; Cl. 1373p. 12; Brun & T. p. 39; Pant. Ip. -3f26; 2p. 71;
Wolle pl. 33f7; Deby Camp. 1. 43-7f40; Det. S. p. 623: *Atlas 13f10*;
(C. fenestratus, gibberosus, Graeffii, Rabenhorstianus.)----
* var., A.S., Atlas 13f3, 9:
- ECHENEIS, E. -Abh. Ber. 1340p. 206; 1341l. II; Mg. 1356p. 33; W.B. p. 59; W.S.
A. p. 34; Prit. p. 302; R.E.D. p. 49; M.T.P. 2-3-II; Sm. Sp. 1. 63; Cl. & M. 12;
Dannf. p. 41; Cl. 1376p. 13; Vega p. 432; 1391l. 53; Italy; Lagr. 1376p. 20;
Grun. 1373p. 24; V.H.S. p. 191-76f1, 2; T. 437; Malaisie; Atlas 54f3-6; J.
Q.C. 1335p. 176; Mobile; Wolle pl. 73f5-7; Deby Camp. 1. 43-9f49; Det.
Syll. p. 614:
(Coronia; -C. Amstelodamensis, argus, Caspius, cribratus, Sonderianus.)-
- * v. Caesarianus, Rabh. E.D. p. 50; Italy; Det. Syll. p. 615;
- EHRENBERGII, Rafs, Prit. p. 302-12f12, 13, 22, 23; R.E.D. p. 50; Italy;
Wolle pl. 56f6; Det. S. p. 631: (Surirella campylodiscus.)---
- EIOWANUS, E. -Mik. 1356p. 35; Det. S. p. 632;
- EISENII, Grun. -Deby Camp. p. 23:
- ELEGANS, E. -Rafs, Prit. p. 302; R.E.D. p. 50: (Surirella.)
- EMARGINATUS, Deby Camp. p. 65-14f73; Det. Syll. p. 612;
- EROSUS, Castr. 1337p. 63-11f3: (C. annulatus.)-
- * var., Castr. 1337p. 63-11f5: (C. annulatus.)-
- EULENSTEINII, Pant. 2p. 71; 3p. -13f193:-
- EXIGUUS, Grun. 1332p. 441-11f4; R.E.D. p. 49; Det. Syll. p. 631; Italy:
(C. Ralfsii.)--
- EXILIS, Grun. -Atlas 13f3:
- EXIMIUS, Greg. D.C. p. 31-3f54; Grun. 1332p. 441-11f5; Breb. Verm. p. 3; R.
E.D. p. 43; Carr. p. 33; Prit. p. 300; Italy: Atlas 13f3; Perag. 1. 63; Det.
S. p. 623; Malaisie; Villef. p. 62; Deby Camp. 1. 43-10f31; *Atlas 20f19-21*;
* v. Briocensis, A.S., Atlas 52f1, 2; (C. Hodgsoni, v.)----
- FASTUOSUS, E. -Abh. Ber. 1345p. 331; W.S.A. p. 33; Prit. p. 301; R.E.D. p. 46;
Italy; Grun. 1332p. 441-9f3; (C. similans & Thuretii; -Surirella.)--
- FENESTRATUS, Grev. -M.J. 1357p. 9-3f4; Prit. p. 301; R.E.D. p. 51:
(C. ecclesianus.)---
- FLAMMIGER, Fortm. Cey. p. 47-4f53; *Deby C. p. 43*: (C. Pacificus.)-

+ Grundleri, atlas 208 f 13

- FLEXUOSUS, Ralfe.-Prit.p.302-I2fII: (Spirifera spiralis.)
 FLUMINENSIS, Grun. I362p.447-IIf3; Atlas I4f3; Villef. I.3I:
 (C. Quaternensis.)--
 FORTIS, Fortm.-Ann.Bot.Buit. I392p.27-3f3; Deby C. p.43:
 GIBBEROSUS, Fortm. Cey. p.47-4f52: (C. ecclesiasticus.)----
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 GRANULATUS, Grun. in litt.: Deby C. mp. p.24:
 GREENLEAFIANUS, Grun., Atlas I5f3; Wollé pl.33fI: (C. undulatus.)--
 GREVILLII, Fortm. Cey. p.47-5f54-56; Deby Camp. p.43-2f9; Malaisie:
 Det. S. p.3IO:
 GROENLANDICUS, Cl. I373p. I3-2f9; Vega p.432; Det. Syll. I.33f; *Det. S. p.3IO*
 GRUNDLERI, A.S., Atlas I5fI, 2; 5IfI3; Wollé pl.33f4: (C. undulatus.)--
 GRUNOWII, Pant. 3p. -3If449;
 HARDMANNIANUS, Deby Camp. p.33-I5f73; Det. S. p.3I3:-(C. Sonderianus.)----
 ' v. Grovei, Deby Camp. p.69:
 HELIANTHUS, A.S., Atlas I7fI5; Vega p.432; Deby Camp. p.43-3f25;
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 HELIOPHILUS, E.-Abh. Ber. I345p.33I; Mik. p. I39; W.S.A. p.33; Prit. p.
 302; R.E.D. p.5I; Det. S. p.330;
 HEUFLERI, Grun. I362p.443-9f3; R.E.D. I.5I; Atlas I4f25, 26; 53fI9; ^
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 HIBERNICUS, E.-Abh. Ber. I345p. I54; Mg. pl. I5A, f9; W.S.A. p.33; Prit. p.
 799-4f33; Carr. p.33; Grun. I362p.439; Atlas 55f9-I6; V.A.S. p. I90; T.
 440; J.Q.C. I365p. I37; Lake Michigan; Wollé pl.7If2, 3; Cl. I39Ip.53;
 Deby Camp. p.43-IIIf53; Det. S. p.627: (C. Noricus, v., & costatus.)----
 ' var., H.V.H.S. pl.77f3;
 ' v. transylvanica, Pant. 3p. -IOIfI3;
 HODGSONI, S.B.D. Ip.29-3f53; T.M.S. I353p.35; Breb. D.C. p. I3; Grun. I362
 p.44I; Jan. & R. p.5-IIf3; Carr. p.33; R.D. ex. No. I2; R.E.D. p.43; Prit.
 p.300; Hull: Italy; Atlas 53f5; N. & R. S. p.33; Cl. I373p. I2; Pereg. p.
 33; Wollé pl.70f3; Deby Camp. p.43-IIf7; Det. S. p.3IO:
 (C. notatus & Vitiensis.)
 ' var. 'b' concinnus, Rabh. E.D. p.43: (Camp. marginatus & c.)---
 ' var. 'g', Rabh. E.D. p.43:
 ' v. Bridgerensis, Jan. & R. p.5-IIfI9: (C. eximius, v.)---
 HOROLOGIUM, Williams. -A.W.N. I. I343; S.B.D. Ip.23-3f3I; Prit. I.799;
 Carr. p.33; Grun. I362p.437; Jan. & R. p. I7; R.E.D. p.45; Atlas 5IfI; ^
 S. p.3I6; Deby Camp. p.45-6f29a; *Atlas 207f20*; (C. orientalis.)----
 ' v. Pfitzeri, A.S.-Deby Camp. p.25-6f29b; Det. S. p.3I7:-(C. Pfitzeri.)---
 ' v. Mediterranea, Grun.-Atlas I7f7; Det. Syll. I.3I7; Deby Camp. p.45:
 (C. Mediterraneus.)
 HUMBOLDTII, E.-Abh. Ber. I369p.43, pl. Ie, f3; Wollé pls. 53fI2; 70fI2;
 (C. clypeus.)--
 HUMILIS, Grun.-Trans. Bot. Soc. Ed. I353p.233-3IfI; Det. S. p.330;
 HUMILIS, Castr. I337p.64-IIIfI3: (C. crebriecostatus, var.)--
 HYPODROMUS, Brin & Tl. p.29-2IfI; *Det. S. p.3IO*; (C. undulatus.)----
 IMPERIALIS, Grun.-T. S. I360p.3I-IIf3; Prit. I.799; R.E.D. p.30; S. S.
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 44-IIf3; IIIf57; Det. Syll. p.309: *Atlas 208f2*:
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7 inopinatus, a.s., atlas 207f18;

7 i. inkeri, a.s., atlas 207f16;

+ latus,

" var. major, a.s., atlas 207f10;

" v. pertinax, a.s., atlas 207f11;

- " var., A.S., Atlas 53f5, 3;
 " v. media, Grun., Atlas 15f9, 10; 17f20, 21; Villef. p. 61; Det. S. p. 329;

INCERTUS - A.S., Atlas 15f13-15; Jan. Gaz. pl. 19f13; Cl. 1373p. 12;

Fortm. Cey. p. 46; Malaisie; (C. Sandoensis, p. p.) ---

INCONSPICUUS, Deby Camp. p. 44-7f43; Atlas 51f11, 12; Det. Syll. p. 329;

INDICUS, E. - Abh. Ber. 1345p. 362; W.S.A. p. 33; Prit. p. 302; R.E.D. p. 51;

Det. Syll. p. 330;

" var. 'b', Ralfs, Prit. p. 302;

" var. 'g', Ralfs, Prit. p. 302;

INSIGNIS, Fortm. Cey. p. 48-9f104; (C. Adriaticus.) ---

INTERMEDIUS, Grun. - Atlas 14f30; 13f19; Cl. 173p. 12; Fortm. Cey. p. 45;

Malaisie; Woll. pl. 33f6; *Atlas 208 f 11*; (C. crebescens.) --

JAPONICUS, Caser. 1337p. 62-11f1; Notar. 1339p. 633; Det. Syll. p. 319;

Deby Camp. p. 44-4f23;

JIMBOI, Pant. 3p. - 23f409;

KERGUELENSIS, Deby Camp. p. 69-15f79; Det. S. p. 324; *Oestrup 1897*;

VISIONI, Pant. 2p. 71; 3p. - 13f200; Deby Camp. p. 33; Det. S. p. 329;

WILTONIANUS, Grev. - T.M.S. 1350p. 32-1f7; Prit. p. 799; R.E.D. p. 50; Atlas

13f19-21; Malaisie; Deby Camp. p. 44-10f52; Det. S. p. 329;

" v. formosa, Witt, J.M.G. 1373p. 115-15f3; Det. S. p. 329;

" v. tener, Witt, J.M.G. 1373p. 115-15f7; Det. S. p. 329;

" v. Zanzibarica, A.S., Atlas 13f17; Malaisie; Det. Syll. p. 329;

MUTZINGII, Bailey & A.P. 173-9f20; Prit. p. 300; R.E.D. p. 51; Deby,

Camp. p. 44-1f10; Det. S. p. 310; *Atlas 208 f 6-9*; (C. striolatus.)

MUTZINGII, Pant. 3p. - 30f433;

LARIUS, Castr. - Como p. 11-3f2; Notar. 1333p. 132; (C. Noricus.) ---

LATUS, Shaud. - T.M.S. 1354p. 15-11f13; R.E.D. p. 51; M.T.P. 2-4-2; Fortm.

Cey. p. 45; Woll. pl. 53f10; Malaisie; Deby Camp. p. 44-3f30a; 4f30a;

Det. S. p. 317; *Atlas 208 f 6-9*; (C. ambiguus.) --

" v. superba, Eulst. - Atlas 13f22; Malaisie; Det. S. p. 313;

" v. Upolensis, Grun. - Det. S. p. 313; (C. ambiguus, v.)

LEPIDUS, Castr. 1337p. 33-11f7; (C. homologum, v.) -

LIMBATUS, Breb. D.C. p. 12f1; Verm. p. 3, f3; Greg. D.C. p. 32-3f55; Prit. p.

799; Grun. 1332p. 440-9f4; Carr. p. 39; R.E.D. p. 43; Atlas 17f2, 3; Italy:

Lagr. 1373p. 25; Cl. 1373p. 11; Vega p. 513; M.T.P. 2-4-1; Prit. p. 33; Det.

S. p. 323; Villef. p. 62; Mobile; Woll. pl. 70f10, 11; Pant. 2p. 71; Deby

Camp. p. 44-10f62; Malaisie; *Atlas 208 f 4*; (C. Eilensteinii)

" v. australis, Eulst. - Atlas 17f1;

" v. Chitiensis, Grun. - Atlas 17f2, 3;

" v. minata, Cl. Vega p. 513-33f77; Det. S. p. 329;

LINEARIS, Fortm. - Ann. Bot. Brit. 1392p. 23-4f3;

LINEATUS, Grun. - Atlas 13f13; 53f9; (C. concinnus & imperialis.) ---

LORENZIANUS, Grun. 1332p. 442-11f1, 2; R.E.D. p. 49; Cl. 1333p. 233; Italy;

Atlas 14f24; 13f4; Fortm. Cey. p. 45; Villef. p. 61; Malaisie;

(C. biangulatus.) --- *Atlas 208 f 12*

MACASSARENSIS, Grove. - Deby Camp. p. 65-14f11; Det. S. p. 300; Malaisie;

MARGATTARUM, Cl. - N.L.K.D. p. 13-4f52; Det. Syll. p. 329;

Marginalis, Johnston. - Moller Cat. 1897. ? (Error est.)

7 Monterianus, Gruen. - Atlas 208 f. 15:

- > MARGINATUS, E.-Abh. Ber. 1344p. 362; 1345p. 313; W.S.A.p. 33; Prit. p. 301; R.E.D.p. 51; Det. Syll. p. 630;
 MARGINATUS, Johnston.-M.J. 1350p. 12, 16-1f11; T.M.S. 1350p. 30-1f2; Wollé pl. 70f15; C. uniseriatus (C. cornutus.)-
 MARGOSTRIATUS, Deby Camp. p. 37; Det. S.p. 621;
 MEDITERRANEUS, Grun.-Villaf. p. 32; Cl. & M. 154, 155 sub:-(C. horologium, v.)
 MESOLEIA, Grun.-Atlas 51f3; (C. ornatus.)
 MEXICANUS, E.-Abh. Ber. 1331p. 294; 1372pl. 5f19; Wollé pl. 70f13; (C. triumphans.)---
 MICAULTII, Fortm. Cey. p. 43-9f103; (C. latus.)
 MINUTUS, Grun. 1332p. 433-7f27; R.E.D.p. 43; Italy:-(C. radiosus, v.)-
 MIRABILIS, Fortm.-Ann. Bot. Brit. 1392p. 27-3f4; Deby Camp. p. 44; Det. S.p. 327;
 > MUELLERI, A.S.-Deby Camp. p. 44;
 MYODON, E.-Rafles, Prit. p. 302; R.E.D.p. 51; Det. S.p. 632; (Surirella.)
 NANUS, Schum. H.T. p. 53-1f12; M.M.J. 1375p. 3-10f19; Det. Syll. p. 631; (C. Noricus, var.)---
 NEOGRADENSIS, Pant. 3p. -33f513;
 NITENS, Castr. 1337p. 65-11f3; Notar. 1339p. 634; Det. S.p. 630;
 NORICUS, E.-Abh. Ber. 1340p. 205; 1341p. 11; 1345p. 154; W.S.A.p. 33; W.B. p. 59; R.S.D.p. 13; R. Alg. No. 331; R.E.D.p. 43; Prit. p. 799; Deaw. Vol. 1p. 52-9f2; Grun. 1362p. 439-10f4, 5; M.T.P. 2-3-9; Sm. Sp. T. 54; Deby Polaei p. 12; Camp. p. 44-11f59; Atlas 55f3; V. L. S.p. 990-77f4-6; T. 441; Belloe, Luchon; Det. Syll. p. 627; Kinnora; Wollé pl. 71f5-7; Italy; Lake Mich.: Spamer, Duren; Gerling pl. 1f5; Herib. p. 131; (C. costatus, v.: -C. punctatus.)
 " var. "b" costata, Grun. 1362p. 437-10f3; R.E.D.p. 43; Petit liste p. 23; Class. f5; T.M.S. 1377pl. 137f5; Belloe, Luchon; Strose Kleiken p. 13-1f30; Delogne: (C. costatus, "b": -C. nanus; C. punctatus, Bleisch.)---
 " v. fossilis, Pant. 3p. -14f215;
 " v. hispanica, E.-Rabh. E.D.p. 43; (Camp. lib.)---
 NORMANNIANUS, Grev.-T.M.S. 1350p. 29-1f1; Pit. p. 300; Malaisie; R.E.D.p. 51; Atlas 14f14; (C. Wallichianus.)---
 NOTATUS, Grev.-T.M.S. 1350p. 31-1f4; Prit. p. 300; R.E.D.p. 51; Brun & T. p. 39; (C. Hodgsoni.)--
 " v. Vitiensis, A.S., Atlas 51f3; 53f15; Malaisie:-(C. Hodgsoni & v.)-----
 OBSOLETUS, Cl.-J. Q. C. 1335p. 163-12f2; Deby Camp. p. 44-4f33; Pant. 2p. 71; Det. Syll. p. 613;
 OCEANICUS, Castr. 1337p. 65-11f4; (C. annulatus.)-
 ORBICULARIS, Castr. 1337p. 64-16f10; (C. horologium.)
 ORBICULARIS, Cl., Vega p. 3/3-33f79; (C. Pacificus, v.)----
 ORNATUS, Grev.-T.M.S. 1353p. 13-1f3; R.E.D.p. 51; Atlas 17f17; Cl. & M. 233; Fortm. Cey. p. 44; M.T.P. 2-4-5; Vega p. 507; Deby Camp. p. 44-10f30; Malaisie; Det. Syll. p. 623; (C. altai ?)
 " vars., Witt, J.M.G. 1373p. 114-15f3; Atlas 51f3;
 " var. amphileia, Grun.-Atlas 51f2; Det. Syll. p. 623;
 " v. mesoleia, Grun.-Atlas 51f3;
 OVATUS, Rafles, Prit. p. 302; (C. Surirella clypeus.)--

(Phalangium)

PACIFICUS, Grm.-Atlas 13f12; Fortm.Cey.p.45; Deby Camp.p.44-9f45; Det.Syll.p.625; (C.flammipet.)--
PANDURIGER, A.S., Atlas 14f33; Deby Camp.p.44-1f4; Det.S.p.509;
PANTOCSEMI, Deby Camp.p.71; Det.Syll.p.623;
PARVULUS, W.S.-A.M.N. 1.1351f.7-1f4; Prit.1352, 1.24f22, 23; S.3.D.1f.30-3f53; Breb.D.C.1f.13; Vern.p.3, f4; Prit.p.30f-13f22, 23; Grm.1352f.445; Heib.p.29; Carr.p.33; Cl.1337p.336; 1331.233; Vaga p.502; M. & R.S.p.33; Hall: R.E.D.p.47; Lagr.1373f.23; Sm.S.1.1.327; V.1.S.1.12f-77f2; Perag.p.33; Italy; Woll. pl.70f3, 9; Malaisie: (C.1.1.1.1.1.1.1.)
PERAGALLII, Deby, Camp.p.30; Villef.p.61-1f3;
PERAMPULUS, Cl.-M.L.K.D.1.17-4f53; Det.Syll.p.634; Deby Camp.p.44-3f43; (C.ecclesiarius, v.)--
PITZERI, A.S., Atlas 17f5, 6; Malaisie: Deby Camp.p.45;-(C.horolog., v.)
PHALGUM, A.S., Atlas 14f11, 12; 53f16, 17; Woll. pl.73f14, 15; Deby Camp.p.45; (C.horologium, v., & Brownianis.)---
PILIPINAPUM, Cassr.1337p.34-1f9; (C.ornatus.)
PINNATUS, Perag., Villef.p.61-1f1; (C.uecoris, v.)--
POLARIS, E., Nord.p.21-3f5; Det.S.p.632;
PRODUCTUS, Johnston, W.S.1300p.12; (S.1.1.1.1.1.1.1.)---
POLCHELUS, Fortm.-Ann.Bot.Brit.1392f.23-4f2; Deby Camp.p.53; Det.Syll.p.613;
PUNCTULATUS, Grm.-Atlas 17f4; Woll. pl.73f5; Det.S.p.629; Deby Camp.p.45-13f35;
PUNCTATUS, Bleisch.-Hedw.1330p.30-5f1-9; Bl.1333p.73;-(C.Noricus, v.)-
QUARNERLENSIS, Grm.1332p.443-1f3; R.E.D.p.49; Deby Camp.p.45-2f13; Det.Syll.p.611; (C.fluminensis.)---
RABENHORSTIANUS, Jan. & R.p.6; J.M.G.1373p.115-14f9; R.E.D.p.51; Grm.1332p.345; Italy; Atlas 53f14; Deby Camp.p.45-9f46; Det.S.p.625; (C.ecclesiarius.)---
" var."a", Jan. & R.p.6-1f3; Atlas 53f13;
" var."b", Jan. & R.p.6-1f7; Atlas 53f12;
RADIANS, Fortm.Cey.p.43-5f57; (C.imperialis.)
RADIATUS, Fortm.Cey.p.43-4f43; (C.Samoensis.)-
RADIOLATUS, E.-Mik.p.12; Det.Syll.p.632; (C.Noricus.)---
RADIOSUS, E.-Amer.p.122; Nord.pl.3f7, 8; K.1.1.59-23f12; V.S.A.1.30; R.S.D.p.13-2f1; Prit.p.799; R.E.D.p.51; Grm.1332p.435-9f9; Weiss. 134p.33f-4f1; Hoffmann, Marong; Deby Camp.p.45-4f20; Woll. pl.70f1f; Det.Syll.p.621; (C.1.1.1.1.1.1.1.)
" forma minuta, Det.Syll.p.621;-(C.minutus, stellatus, Viciensis.)---
RAEANUS, Deby Camp.p.70; Atlas 13f5, 6; Det.S.p.613;
RALISII, S.3.D.1f.30-30f257; Breb.D.C.1f.13; Vern.p.3; Grm.D.C.1f.30-3f52; Prit.p.300; Grm.1332p.442; Jan. & R.p.6; Carr.p.33; M. & R.S.1.33; R.E.D.p.49; Italy; Atlas 14f1-3; Lagr.1373p.25; Petit Cat.1.30; Cl.1373f.13; Vaga p.432, 502, 507, 513; Brum. & T.p.39; Perag.p.33; Woll. pls.72f4; 33f10; Malaisie; Deby Camp.p.45-2f13; Det.S.p.612; (C.exilis & scalaris.)---
" v. decora, Breb.-Rabh.E.D.p.49;-(Camp.d.)---
" v. pinnata, Perag.-Det.Syll.p.612;-(C.uecoris, v.)

+ Robertsonianus, Grav. -

" var., A.S., atlas 207 f22:

- RATTAYANUS, Deby Camp.p.36; Atlas 13f10; Det.S.p.311; -(C.Schmidtii.)-
 REMORA, E., Amer.pl.3-7f14; Abh.Ber.1341f.11; K.B.p.59; K.S.A.p.33;
 Prit.p.301; R.E.D.p.43; (C.bicostatus & radians.)
 RETICULATUS, Pant.3p. -39f539;
 RIVALIS, A.S., Atlas 13f1,2; Fortm.Cey.p.45; Deby Camp.p.45-2f17;
 Det.Syll.p.311;
 RIVULOSUS, Bran & T.p.29-2f9; Deby Camp.p.93-2f13; Det.S.p.312;
 ROBERTSIANUS, Grev.-T.M.S.1333p.14-1f5; R.E.D.p.51; Atlas 17f3-10;
 Malaisie; Deby Camp.p.45-3f32;
 ROTULA, Grun., Atlas 14f10; 53f20; Wollé pl.73f20; Det.S.p.332;
 (C.Brownianus.)----
 SABINII, E., Abh.Ber.1340p.203; 1372p.293-3f3; Nora.p.21-3f6;
 SAMOENSIS, Grun.-Atlas 15f19,20; Petit Cat.p.31; Jan.Gaz.pl.19f12;
 Fortm.Cey.p.45; Mobile; Villef.p.31; Wollé pl.70f4,13; Deby Camp.p.
 45-2f3; Malaisie; Det.S.p.309; *Atlas 207f14*; (C.incertus.)--
 SAUERBECKII, Grun.-Atlas 52f3; 53f3,4; Wollé pl.33f12,13;
 (C.undulatus.)-----
 SCALARIS, Bran & T.p.30-2f12; (C.Ralfsii.)---
 SCHLEINIIZII, Jan.Gaz.pl.19f13; Atlas 52f5; Deby Camp.p.45-12f54;
 Det.Syll.p.323; *Atlas 207f1-3*
 SCHMIDTII, Grun.-Jan.Gaz.pl. : Atlas 15f12; 53f10; Wollé pl.72f3;
 Deby Camp.p.45-1f12; Det.S.p.311;
 SIGNATUS, Fortm.Cey.p.46-4f50; (C.latus & radians.)-
 SIMILIS, Jan., Gaz.pl.19f3; Deby Camp.p.32; (C.anceps.)
 SIMPLEX, Bran & T.p.30-2f3; Deby Camp.p.93; (C.vitricavus.)
 SIMULANS, Greg.-T.M.S.1357p.71-1f41; 1353p.17; Carr.p.39; Schm.N.D.
 pl.3f10; Petit Cat.p.31; Atlas 17f12-14; Wollé pl.33f13; Deby Camp.
 p.45-7f36; *Det. 1897p.334*; (C.fastuosus & Thuretii.)
 SINGULARIS, A.S., Atlas 14f29; (C.cerebriecostatus.)-
 SOCIALIS, Witt, J.M.G.1373p.69- f3; Heaw.1373p.57,124; Atlas pl.
 14f7-9; Deby Camp.p.45-1f14; Det.S.p.311;
 SONDERIANUS, Grun.-Moller Price list 1333; (C.Hardmannianus.)--
 SPECULUM, Fortm.Cey.p.46-4f49; (C.latus.)
 SPIRALIS, W.S.-A.M.N.H.1351p.6-1f2; S.B.D.Ip.29-7f54; Front.: Prit.p.
 302-4f39; Rabh.Alg.311,347 sub; Grun.1352p.447; Heaw.Vol.2pl.5f10-
 16; Bleisch,1353; Schm.1352p.135; A.T.p.56; Carr.p.39; Girard Moss.
 p.12-2f13; R.E.D.p.50, f11b; Hull; N. & R.S.p.33; Cl.1353p.232; Sm.Sl.
 T.65; Prollius p.71; M.T.P.2-4-3,4; Italy; Macdonald pl.10f12;
 Gallix, Papan; (Sarirella.),,,
 SQUAMOSUS, Pant.3p. -36f517;
 STELLATUS, Grev.-M.J.1359p.157-7f3; Prit.p.799; Grun.1353p.93; R.E.
 D.p.51; Wollé pl.33f2; Deby Camp.p.45-7f42; Malaisie; Det.S.p.325;
 " var., Deby Camp.p. -15f73;
 STELLULA, Schm.1357p.52-1f6; (C.clypeus.)---
 STRIATUS, E., Amer.p.123, pl.3-7f13; K.B.p.59-23f11; K.S.A.p.33; M.J.
 1359p.179-9f4; R.S.D.p.13-2f2; Prit.p.302; Malaisie;
 (C.Brightwellii & undulatus.)

> Sumbawanus, A.S. - atlas 207 f 13:

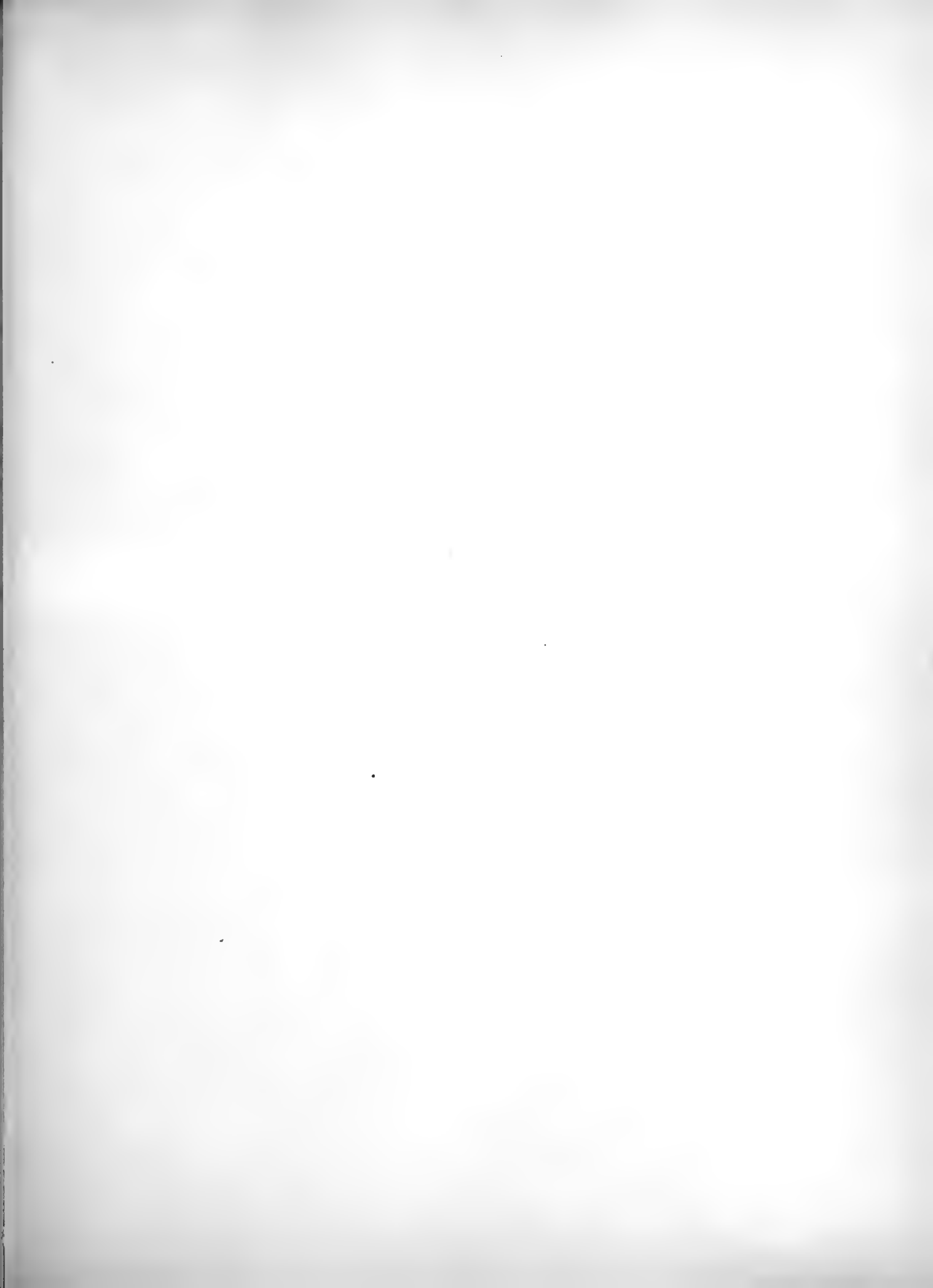
+ Thuratii, Beck. - Petit, Cap Horn:

+ undulatus,

" var. Leudgeri, Deby. - atlas 208 f 6:

+ Wallichianus, atlas 208 f 10, 13:

- STRIOLATUS, Grun., Atlas 53fI, 2; Pant. Ip. -13fI⁶; 2, p. 71:
 Brun & T. p. 69: (C. angularis & Kutzingerii.) ---
- STUDERI, Jan., Gaz. pl. 19f9, 10:
 SUBANGULARIS, Cl., Vega p. 513; Cl. & M. 154, 155 sub;
 SUPERBUS, Rabh. E. C. p. 45, f10; Hew. 13791.93: Del. S. p. 322: - (C. baldensis.)
 SUMATRENSIS, Fortm. - Ann. Bot. Brit. 1392p. 27-3fI; Deby. Camp. p. 57;
 Del. Syll. p. 322;
- SURIRELLA, E., Abh. Ber. 1345p. 305; K. S. A. p. 33; R. S. D. p. 13; Prit. p. 302;
 R. E. D. p. 50; Del. Syll. p. 331;
- SZAKALENSIS, Pant. 3p. -36f503;
 SZONTAGHII, Pant. 3p. -27f373;
- TABULATUS, A. S., Atlas 52f4: Woll. pl. 33f4; Del. S. p. 619;
 Deby. Camp. p. 45-4f20;
- TAENIATUS, A. S., Atlas 51fI; 16f2: Deby. Camp. p. 45-7f4I; Malaisie;
 Del. S. p. 323:
 ' var., A. S. Atlas 13f3;
 ' v. radiosa, Brun & T. p. 69:
- TAENIOIDES, Deby. Camp. p. 53; Atlas 16f6; Del. S. p. 323:
- TENER, E., Abh. Ber. 1372p. 209; Del. Syll. p. 332;
- THUMII, Fortm. - Ann. Bot. Brit. 1392p. 29-4f5;
- THURETII, Breb. D. C. p. 13, f3; Cl. 1373p. 13; 1373p. II: Vega pp. 432, 502;
 507: Atlas 13f2; 51f15; V. N. S. p. 190-77fI; T. 433, 439; Vallef. p. 51;
 Malaisie; Pant. 2p. 7I; Deby. Camp. p. 46-7f37; Herib. p. 132; Del. Syll.
 p. 322: Atlas 208f12: - (C. bicruciatas, fastuosus, parvulus, similans.) ---
 ' v. Baldjickiana, Grun., Atlas 15f16-21: Pant. 2, p. 71: Del. S. p. 332;
 (C. Balu.)
- TRAPEZOIDALIS, Deby. Camp. p. 66-14f72: Del. S. p. 309;
- TRIUMPHANS, A. S., Atlas 15f4, 5; Jan. Gaz. pl. 19fII: Deby. Camp. p. 46-13f
 64; Malaisie; Del. S. p. 613; Atlas 208f7:
- UNDULATUS, Grev. - M. S. 1333p. 229-9f4; Atlas 13fII, 12; Cl. & M. 239; Fortm.
 Cey. p. 47-4f39; 9f102; Vega pp. 502, 507: Malaisie; Deby. Camp. p. 46-
 2f3; Del. Syll. p. 613: (C. Brightwelli, Balearicus,
 erosus, Greenleafianus, oceanicus, Granulieri, Sauerbeckii, striatus.) -
 ' v. biangulata, Cleve Vega p. 502; Deby. Camp. p. -15f77:
 ' v. distincta, Deby. Camp. p. 35;
- UPOLENSIS, Grun., Atlas 51f14: (C. ambiguus, v.) -
- VERMICULATUS, Temp. - L. D. Vol. II. 2-2f9; Notar. 13901. 174; Deby. Camp. p.
 70; Del. Syll. p. 322;
- VITIENSIS, Grun. - Atlas 51f7: (C. notatus, v., & Hodgsoni.) ---
- VITRICAVUS, Brun & T. p. 30-2f3; Deby. Camp. p. 94-7f39; Del. S. p. 624:
 (C. canalisatus, elivus & simplex.)
- VULCANIUS, E., Abh. Ber. 1344p. 342; Mg. pl. 33A-14f3; K. S. A. p. 33;
 Prit. p. 799; R. E. D. p. 51; Del. S. p. 330:
- WALLICHIANUS, Grev. - T. M. S. 1333p. 13-1f4; R. E. D. p. 51; Fortm. Cey. p. 45;
 Atlas 14f15, 16; 13f13, 14; Malaisie; Deby. Camp. p. 46-3f19; Del. S. p. 620:
 ' v. Normannicus, Grev. - Del. S. p. 620: (Camp. Norm.)
 ' v. Thaitiensis, Castr. 1337p. 62-16f6; Notar. 13391. 634; Del. S. p. 620:



WEISSILOGII, Deby. Camp. 1.53; Atlas 13f4; Det. Syll. 1.323;
ZEBONUS, Cassi. 13371.32-11f10; (C. biangulatus.)
ZONALIS, Phillips, 1345; Prit. 1.302; R.E.D. p.51; Det. Syll. 1.329;

CAMPYLONEIS. --- (Grun., 1862.) -

--, De Toni, Oss. Bac. 1.399;
ARGUS, Grun. 13381.429-10f9; 13381.10: R.E.D. p.503; Petit Cat. 1.13;
13381.2-4-5,7; J.R.M.S. 13351.322; V.A.S. pl. 1.28f15,16; Wille pl. 25f
14,25; Trian 13351.4f22,23; (Cocconeis.)
" v. reticulata, Grun. 13381.11: Det. S. p.441; (Cocconeis; -Navicula.) ---
COSTATA, Grev. - Cl. 13381.232; Lagr. 13761.55; Det. S. p.441; (Cocconeis.) -
GREVILLEI, W.S. - Grun. 13381.10,93; Petit Cat. 1.13-4f5; Cl. V. 1.504;
Cl. & M. 135; J.R.M.S. 13731.245-14f5; M.T.P. 2-4-5; V. 1. S. p. 134-23f
10-12; T. 243; Wille pl. 33f23-30; Det. Syll. 1.439; Grevillea Vol. 1 p.31:
(C. novaeis; -Cocconeis G. & parvula.) - Cl. Nav. 2p.167: ~~Grun. 13381.10~~
(C. villosa);
" v. argus, Grun. - V. 1. S. p.134; M.T.P. 2-4-5,7; Cl. Nav. 2p.167:
(C. argus; Rhaphoneis fasciolata & suborbica)

" v. granulata, Grun. - Cl. & M. 273 sub;

" v. microsticta, Grun. - V. 1. S. pl. 23f8,9; Cl. Nav. p.167;

REGADIS, Grev. - Grun. 13381.11; M.T.P. 2-5-3;

Wille pl. 35f39,40; Det. S. p.440: - (C. gress. var. r.) coccineis. -

" v. minuta, Grun. - V. 1. S. pl. 23f13,14;

" v. obliqua, Grun. 13381.11-1f5a,b; Det. Syll. 1.440: Grevillea Vol. 1 p.31-3f5a,b

NOTABILIS, Bran. - Led. Vol. 2. 174-24f11a,b;

(C. Grevillei, v.)?

" v. oculata, Grun. - Led. Vol. 2, no. 22 p. 235-22f1,2.

CAMPYLOSIRA. --- (Grun., 1882.) -

CYMBELLIFORMIS, A.S. - Grun. V. 1. S. p. 153-45f45; T. No. 320: Det.

Syll. p.393;

6Synchra.: - S. & Dimerogramma arcus.)

JAPONICUS, Bran. & T. - Det. Syll. p.393;

(Cymatosira.) ---

" v. leptostigma, Cl. & Grove. - Led. Vol. 21. 57-9f7,3: Det. Syll. p.399;

CAMPYLOSTYLUS. - (Shadb., 1849.) -

STRIATUS, Shadbolot Mss.: - 1849.

(Synchra Normanniana.) -

CASTRACANIA. --- (L. 1892.) -

BORYANA, Pant. - Det. Syll. p.750;

(Salacia.)

CENTROPORUS. --- (Pant., 1891.) -

CRASSUS, Pant. 21. 30-4f57; Det. Syll. p.1369;

CERAMIIUM. --- (Rothrock, 1788.) -

VERRUCOSUM, Roth. Catalog.:-

(Achnanthes brevipes.) ---

LUCIDUM, Grateloup Medical History Soc. in Aqu. Syst.

(Schiz. Grateloupii.) -

CERATAULINA. --- (Pant., 1893.) -

BERGONII, Pant., Riv. 1892 p.7-1f15,6: Cl. 1894 p.11-1f6: (Zygocred pelagicum.) -

Cl. A.S. W. R. Rep. 20(3) p.11-156: Cl. 1897 p.20: (Pyxilla rotundata.) - (Cerataulus.) ---

CERATAULUS. --- (L. 1843.) -

--, A.S., Atlas 149f13,14:

Campyloneis.

Grisebii, n. n. galis, Ev. - Cl. rar. Sp. 167: (occasional req.)

> Scintillans, Bn. - Le D. vol. 2, no. 22 pl. 22 f 3:

Capsula. - (Bour, 1896) -

---, Le D. 2, no. 22 pl. 20, note. -

Barboi, Bn. - Le D. vol. 2, no. 22 p. 236-20 of 26, 27.

biformis, Bn. - Le D. 2, no. 22 p. 236-10 of 28, 29.

balanifera, Bn. - (Tric.)

Coronata, Bn. - (Trin.) -

Exornata, Bn. - (Tric.) -

neglecta, Bn. - (Tric.) -

neogena, Gru. - (Trin.) -

princeps, Gru. - (Trin.) -

radiata, Bko. - (Tric.) -

Scapa, Bn. - (Tric.) -

verticosa, Gru. - (Trin.) -

Le D.

vol. 2,

no. 22,

p. 236,

27.

Tric.

GARINARIA. - (Trev., 1848) -

Subgenus of Gaillonella. Trevisan in
Alg. Coccol. 1848 p. 96.

BERGONII, Perag.-LeD.Vol.2p. -I3f15,16; No.9,p.103-1f15:
(Cerataulina.)

BORYANUS, Pant.2p.97; 3p. -29f42p; 32f463; Del.Syll.p.1067:
(Biddulphia primordialis.)---

CALIFORNICUS, A.S.,Atlas II5f2-4; Wollé pl.97f9; Del.S.p.1073:

GALLOPAGENSIS, A.S.,Atlas II5f3; Del.S.p.1073: (Biddulphia.)--

HUNGARICUS, Pant.2p.97-26f375; Del.S.p.1077:

JOHNSONTIANUS, ~~Gr.~~-Q.C.I335p.171; I336p.323; Pant.2p.93:
Del.Syll.p.1076; Var., A.S.Atlas II5f15: (Biddulphia.)--

JAPONICUS, Pant.3p.16-237; Del.S.p.1073: (Biddulphia primordialis.)

KINKERI, A.S.,Atlas II5f9; Pant.2p.93; Del.S.p.1073:

LABUENSIS, Cl.,Vega p.503-33f30; Atlas II5f11; Del.S.p.1076:
(Huttonia.)

LAEVIS, E.-Ralfs,Prit.p.347-6f7; Grun.I333p.24; Eul.Sp.T.19; R.E.D.
p.313: Cl.& M.7; J.L.S.I334p.516-43f3; Cl.Vega p.503; Del.Syll.p.
1074; Atlas II6f13; I5f7,3:
(Biddulphia; -Isthmia polymorpha; -Odontella.)

? var., ; Atlas II6f12,14;
" v.Chinensis, Grun.-M.M.J.I377pl.196f3; Del.Syll.p.1074;
" v.Pangerooni, Fortm.-Ann.Bot.Buit.I392p.55-4f7; Del.S.p.1074;
" v.thermalis, A.S.,Atlas II5f3-3: (C.thermalis.)--

MARGINATUS, Grove & St.-J.Q.C.I337p.135-II121; Notar.I337p.351;
Atlas II5f7; Del.S.p.1076:

OVALIS, A.S.,Atlas II5f5-7; Wollé pl.97f3,10; Del.S.p.1073;

PACIFICUS, Grun.-Atlas II5f10:

PERAGALLOI, Pant.3p. -32f455; Del.S.p.1073:

PETITII, Fortm.-Ann.Bot.Buit.I392p.39-6f3; Del.S.p.1073:

POLYMORPHUS, K.-Grun.,V.H.S.p.203-104f3,4; Pant.2p.93;
J.Q.C.I337p.75; Wollé pl.97f5,11:
(Biddulphia; -Melosira; thermalis; -Odontella.)

REICHARDTII, Grun.I333p.153-I3f22; Cl.I373p.5: Del.Syll.
p.1075: (Huttonia.)---

ROTUNDUS, Br. & Temp.-LeD.Vol.Ip.30-5f3; Del.Syll.p.1077:

SCABER, Grev.-J.R.M.S.I333p.55; Del.S.p.1073: (Eupodiscus.)--

" v.helioidiscus, Brun I391p.27-17f1; Del.S.p.1073;

SMITHII, Ralfs, Prit.p.347; R.E.D.p.313; Cl.I333p.213; I373p.10:
I373p.15: M.T.P.4-3-1: Lagr.I373p.14; Mobile; V.H.S.pl.105f1,2;
Atlas II6f5,6; Villef.p.71; Del.S.p.1074;
(Biddulphia; -Anisocis, Bidd., & Eupodiscus radiatus:Odontella?)

SOCOTRENSIS, Witt.-J.L.S.I334p.515-43f1,2; Del.S.p.1073;

SUBANGULATUS, Grove & St.-J.Q.C.I333p.325-19f12; Notar.I337p.345;
Atlas II6f13; I49f17; Del.S.p.1077:

THERMALIS, Ralfs,Prit.p.347; R.E.D.p.314; Del.Syll.p.1074;
(C.laevis,v.: -Melosira; -Pleurosira.)---

THOMII, A.S.,Atlas II5f11; Pant.2p.93; Del.S.p.1077:

TITIANUS, Grun.I333p.153-I3f25; Vega p.503; Del.S.p.1075:
(Biddulphia; -Janischia.)

* Solymorphus,

" forma minor, V.H.S. pl. 105 f. 3, 4; - (Odontella?)

Spinacia, Chretien.

E. - *Adh.* 1. 13401.270; *M.* 1. 13501.63; *Tail.* M.O. 1. 39-2125, 27; *Plat.* 1. 13521.27; *Plat.* 1. 13401-019; *1210.* 1. 139; *R.* 1. 1. 1318; *21.* Sp. 1. 13; *Cl. & M.* No. 30; *V.* 1. 1. 1303; *V.* 1. S. 1. 206-10411, 2; *T.* 495; *Atlas* 11011-3; *Mobile*; *O.* 1. 1. 13351.174; *Cast.* 1. 13371.101-2360, 3; *Ben* & *T.* 1. 70; *M.T.P.* 4-3-2; *Gr.* 1. 13331.24; *Part.* 21. 93; *Malais*; *Def.* Syll. 1. 1073; -(*Bud.* 11011-3)-
" *Var.*, *A.S.* *Atlas* 11011-14; *Ben* & *T.* 1. 70; *Malais* 11011-14;
" *V.* 1. 1. 13351.174; *Part.* 21. 93; *Ben* & *T.* 1. 70; *Def.* Syll. 1. 1073;
" *Malais* 11011-14; *Part.* 21. 93; *Ben* & *T.* 1. 70; *Def.* Syll. 1. 1073;

Brown alp. p. 51:

--, Tenderk 13791.47:

(Nitzschella; -Nitzsca; -Synaura.)

(Psephodromus - Syrphid.) ---

R.E.D.p.75: Hoffmann, Marburg: (C. arca, v.: -Nitzschia.) -

(Ps. -Eunoia; -Synzura.)--

R. B. G. 1.7 of 19; Gal. 13621.545; 13651.7; Amazon: R. B. C. Exs. 343; R. Al.

352,534,1027; Ent.Sf.7.20; Cl.13574.357; 13534.255; Notes: 13314.5:

1391p.32; Cl. & M. 17; Schum. H. T. pp. 43, 55; Italy; W. & L. p. 15-16; Sm. S.

Sp.T.66: M.I.P.I-2-3; Prollius p.70: Winnora; Brain Al. p.52-2f29:

Легт. 13724.19; Танатарек 1379; .47, f238; V. t. S. p. 143-37f7; 1.231; D31.

Syll. 1.314; Pers. 4.56; Wolln. 11.30f24, 25; Hoffmann, Math. 1.314; Spamer,

On 27; 44110"1.135: Cl 1191

(Cymbella; -Enotia; -Navicula; , *Synaula gibbosa*; ^{var. *glabra*} -*Toxostoma striatulosum*.)

" v. amphioxys, Rabh.-Bran Alp.p.52-2f23; Merib.p.137; Del.Syll.p.314;

(C. amphioxys.) ---

(Eurotia; -Pseudo-Eun.: -Synsara flexuosa, v.) -

V.S.A.p.33: C&H.p.32: G&L.S.p.315: (Nitzschia; -Nitzschella.)----

Plat. p. 73I; Def. S. p. 3I4;

EXCISA, GEN. - ? Amazon: -

R.S.D.p.37-9f2: DeT.S.p.315: *GyroneumatPleurosigma.*)---

GRACILIS, Breb.-K.S.A.f.39; R.S.D.p.37; Prit.p.733; Car.p.32; Del.

HEMICYCLUS, Grm. 133548; Def. S. r. 315:-(Eunotia; -Pseudo-E.; -Syredra.)--

K.S.A.p.83; Prit.p.783; R.S.D.p.37-9f3; Del.S.p.8I5:

(*Nitzschia bifostata.*)-

+ Turgidus, E. - - (Odontella?)

- LINEA*, Ralfs, Prit.p.733; Det.Syll.p.315: (Synedra.)----
LONGISSIMA, Breb.-K.S.A.p.391; Prit.p.733-4f23; Carr.p.32; Det.
 Syll.p.315: (Nitzschia l. & birostrata; -Nitzschiella.)----
LUNARIS, E.-Grün.1365p.7; Schum.H.T.p.46, 65; 1367p.55-1f21a-c;
 Lagr.1373p.20; M.T.P.I-2-7; Det.Syll.p.315;
 (C.laminaris; -Pseudo-Eunotia; -Synedra.)
 " var."b" falcata, Grün.1365p.7: (Synedra f.)---
 " var."g" bilinaris, Grün.1365p.7: (Synedra b.)---
 " v.cuspidata, Schum.H.T.p.65-2f21e; 1367p.55-1f21e;
 " v.minor, Schum.1367p.55-1f21a: (C.minor.)----
PACHYCEPHALA, Grün.1365p.3-1f10; Det.Syll.p.315;
 (Eunotia; -Pseudo-E.: -Syn.flexuosa, v.)--
PLACENTA, E.-Mik.pl.33-12f23; Det.S.p.315; (Navicula.)---
REVERSA, Ralfs, Prit.p.733; Carr.p.32; Det.S.p.315;
 (Nitzschia; -Nitzschiella.)---
RHOMBOIDES, E.-Mik.p.130; Det.Syll.p.315:
SCHUMANNII, Rabh.-Schum.1367pl.1f22;
SPIRALIS, K.B.p.104-4f33; K.S.A.p.33; Prit.p.733-13f9; Det.S.p.315:
 (Nitzschia; -Nitzschiella.)---
SUBARCUATA, Grün.1365p.3; Det.Syll.p.315; (Pseudo-E.: -Synedra.)----
SUBULATA, Breb.-K.S.A.p.39; Prit.p.733; Det.Syll.p.315:
 (Nitzschia; -Nitzschiella.)---
TOXON, Perty.-Wl.Leb.p.205-17f13; R.E.D.p.77: (C.arcus.)
- CESTODISCUS.--- (Grev., 1865)-
 --, A.S., Atlas 53f34:
BAILEYI, H.L.Sm.Sp.1.67; A.S.M.1377p.102; A.O.S.M.1381p.13-3f3;
 Wille pl.74f9, 10: 1377 (Coscinoiscus.)----
CINNAMOMEUS, Grev.-Grün., V.H.S.pl.126f1; Det.Syll.p.1309:
 (Triceratium?; -Novum Genus?)-
 " v.minor, Grün., V.H.S.pl.126f2;
CONVEXUS Castr.1337p.123-7f6; Notar.1339p.747; Det.S.p.1303:
CORONATUS, Castr.1337p.124-7f9; Notar.1339p.747; Det.S.p.1309:
GEMMIFER, Castr.1337p.124-2f7; Notar.1339p.747; Det.Syll.p.1303:
 (C.pulchellus, v.)--
 " var., Castr.1337p.125-7f7;
 " v.decrescens, Castr.1337p.125-12f11; Malaisie; Det.S.p.1303:
HIRTULUS, Grün.-V.H.S.pl.126f3; (C.pulchellus; -Coscinoiscus.)-
INTERSECTUS, Brun.--- (Coscinoiscus?)
JAPONICUS, Cl.-Brun & T.p.70:
JOHNSONIANUS, Grev.-T.M.S.1365p.43-5f3; Brun & T.p.70:-(Coscinoiscus.)
MORONENSIS, Grev.Mss.: Rattr.Rev.Cosc.p.458: (Coscinoiscus.)-
OBSCURUS, A.S.-V.H.S.pl.129f4: (Coscinod.)--
OVALIS, Grev.-T.M.S.1365p.49-5f9; M.T.P.4-I-10: Atlantic City:
 (Coscinoiscus.)---
 " var., Witt 1335p.23-3f11; Rattr.Rev.p.460:-(A'cyclus.ellipticus.)
PARMULA, Castr., 1337p.125-7f5; Notar.1339p.743; Det.S.p.1309;
PEPLUM, Brun, 1391: (Actinocyclus.)--



PROTIEUS, Hardmann.-V.A.S.pl.126f3: (Coscinoideus.)
 PULCHELLUS, Grev.-T.M.S.1366p.123-II f5; Gran.1333p.103; Cl. & M.132:
 Brun & T.p.70:-(C. & Coscinod.trinitatis; -C.hirtulus; -Cosc.superbus.)-
 " v.gemmifer, Casti.-Brun & T.p.70: (C.gemmifer.)--
 (/)
 RADIATUS, E.-Rattl.Rev.Cosc.p.561:-(Coscinoe.ocellus-irialis, v.Norsiana)
 RAPAX, Casti., 1337p. -13f2; Notar.1339p.743; Det.Syll.p.1303:
 RHOMBICUS, Gran.-V.A.S.pl.129f3; Det.S.p.1309:-(Cosc.rhomb., Gran.)
 SOL, Wallich.-Rattl.Rev.p.433: (Coscinoideus.)----
 STOKESIANUS, Grev.-T.M.S.1366p.123-II f4;
 SUPERBUS, Hardmann.-Cole's Studies 1336; Atlas 133f13; 143f7;
 W. & C.2p.9-5f14, 15; (Coscinoideus.)----
 TRINITATIS, Gran.-V.A.S. 126f4 (C.pulchellus)-
 TROCHUS, Casti., 1337p.123-7f1; Notar.1339p.743; Det.Syll.p.1303;
 " var., Casti., 1337p.123-7f3:

CHAETOCERAS.---(Ehrh, 1844.)-

--, Ber.Deutsch.1369p.361-14f1-9:
 --, T.M.S.1372p.9-3f3: (C.furcata) & --, m.m.J.1877p.63-172f3
 --, E., Abh.Ber.1370p.52, pl.1-1f20:
 AEQUATORIALE, Cl., Java p.10-2f9; Det.Syll.p.991:
 AFFINE, Lander.-T.M.S.1364p.73-3f5; Neww.1365p.62; Pant.2p.74;
 Det.Syll.p.993:
 ANTARCTICUM, Cl. & Gr.-V.A.S.pl.132f3-3; Det.S.p.1000: +
 ANGLICUM, Gran.-V.A.S.pl.32f3: (C.furcellatum, v.)---
 ANTARCTICUM, Cl. & Gr.-Cl.1331p.121; Cl. & M.125: (C.Antarcticum.)---
 ARMATUM, West.-T.M.S.1330p.151-7f12; Prit.p.332; A.J.M.S.1330p.140;
 Eul.Sp.1.21; Carr.p.96; R.E.D.p.321; Sm.Sp.1.623; Cl. & M.235: V.A.
 S.p.195-3f1-4; T.No.443; Reinhard; Det.S.p.939:
 ATLANTICUM, Cleve 1373p.11-2f3; 1330p.121; Vega p.437:
 Det.S.p.993: Cl.1894p.11; 1897p.20: (C.Antarcticum.)
 " v.attenuata, Gran.-Cl.1330p.121; Vega p.437; Det.S.p.994;
 Cl. & M.Nos.113, 125 sub:
 " v.tumescens, Cleve 1330p.121; Vega p.437; Cl. & M.125 sub;
 V.A.S.pl.31f3; Det.S.p.994;
 BACILLARIA, E.-Abh.Ber.1344p.265; A.J.S.1345p.323-4f13; W.S.A.p.133;
 V.A.1353p.17f1, 2; Mill; R.E.D.p.321; Wolln p.63f9, 10: (Diploneis.)
 BACTERIASTRUM, Wallich.-T.M.S.1330p.43-2f16, 17; Det.Syll.p.999:
 (Bacteriastrum, species mixtae.)--
 BARBATUM, & Brew.-M.J.1353p.107-7f39-42; Jan.Gl.p.17-1a, f31, 34;
 R.E.D.p.322; Deby Polder p.12: (Goniothecium.)
 BIHARENSE, Pant.3p. -2f306; Det.Syll.p.999:
 BISETACEUM, Schum.1367p.60-1f27; Det.S.p.995;
 BOREALE, Bailey N.S.p.3, f22, 23; T.M.S.1353p.107-7f12-15; 1330p.43,
 152-2f13; 7f13; 1334p.73-3f7; Prit.p.331-3f25; Gran.1333p.23; Hall:
 Carr.p.96; Jan.Gl.p.13; Schum.1337p.60-1f23; R.E.D.p.322; O'M.Verg.:
 Cl.1373p.12; Nares; Vega p.437; Wolln p.65f11, 20, 23; Det.Syll.p.990:
 (C.Parvianis, v.)-- Cl.1894p.12; Oestrich 1897p.142. Cl.1897p.20-1f1:
 " v.Brightwellii, Cleve 1373p.12-2f7; Vega p.437: 1897p.20-1f2:

+ pulchellus, Gr. -

" v. Trinitatis, Gr. - D.H.S. pl. 126 f4: - (Coccinoidiscus ?)

+ anastomosans, Cl. 1897 p. 20: - (G. externum)

- atlanticum, Cl. 1897 p. 20:

" v. compacta, Schutt. - Cl. 1897 p. 20: - (Ch. comp)

" v. exigua, Cl. 1897 p. 20 - 1 f 9:

> Balticus, Cl. - R. Gr. A.K. Rep. 22 (3) 5 p. 28, f 2: Cl. 1897 p. 20:

> biconcavum, Gran N.E. p. 27-3 f 46: - (G. bottnicus)

Boreali, Bail. -

" var. densa, Cl. 1897 p. 20 - 1 f 3, 4:

" " rudis, Cl. 1897 p. 20 - 1 f 5: - (Ch. convolutus)

" " solitaria, Cl. Scot. p. 298: 1897 p. 20:

- BREVISPINUS, Castr.-Notar. I339p.743; Det.Syll.1.999:-(*Bactriastrum*.)
 CALIFORNICUS, Grun., V.H.S.pl.32(2)f3; Wollé pl.35fI3; Det.S.p.1000:
 CELLULOSUS, Lander.-T.M.S.I334p.73-3fI2; (C.Lorenzianum.)---
 CILIATUS, Lander.-T.M.S.I334p.77-3f2; Heuw.I335p.32; Det.S.p.995:(*C.compressum*)
 CLAVIGERUS, Grun.I334p.44-5f5I; Brin & T.p.70; Det.S.p.994;
 COARCTATUS, Lander.-T.M.S.I334p.79-3f3; Cl.Java p.9-2fIO; Vega p.5I3;
 Malaisie; Villef.p.34; Det.Syll.1.996; Cl.1897p.20: (C.validum.)---
 COMPRESSUS, Lander.-T.M.S.I334p.73-3f6; Cl.Java p.3; Heuw.I335p.32;
 Malaisie; Det.S.p.995; Cl.1894p.12-2f3: Schutt chart.pl.3f4: (C.ciliatus.)
 CONFERVOIDES, Ralfs, Prit.p.332; Carr.p.93; Det.S.p.1000:
 CONNIVENS, Grun.-Cl. & M.II3; Vega p.437; Det.S.p.1000:
 CONVOLUTUS, Castr.I337p.73; Notar.I339p.743; Det.S.p.997:-(*C.lorealis*, v. *rudis*)
 +CRIOPHILUS, Castr.I337p.73; Notar.I339p.749; Det.S.p.996: +
 CREMATUS, E.-Rabh.E.D.p.322;
 CURVATUS, Castr.I337p.73; Not.I339p.743; Malaisie; Det.Syll.p.997:
 CURVIS, Cleve.-Malaisie:
 CURVATUS, Cl.-~~Redecker Repa 1896 p.29f12~~ Bot.Cblt.I390p.13; Malaisie:
 Det.S.p.992; Cl.Kanunbad 1889p.55: Cl.1894p.12-1f5: Gran N.E.p.22-2f22; 3f43: +
 DANICUS, Cleve I39Ip.35-3fI3, I9; Kattagat I389p.55: ~~in idem~~ Botan.
 > Centralblatt I390p.13; Det.Syll.p.991: Cl.1894p.12: Schutt ch.pl.3f5: Cl.1897p.21:
 DECIPIENS, Cleve I373p.II-1f5; Nares; Vega p.433; Malaisie;
 Det.Syll.p.992; Oestrup 1897p.342: Gran N.E.p.17-1f2, 3: 3f34: Cl.1897p.21:
 v.concreta, Grun.-Cleve Vega p.433: 1880p.120: Cl.1894p.13: ~~Gr. 1894p.109~~
 DEMICULATUS, Lander.-T.M.S.I334p.79-3f9; Heuw.I335p.32;
 Cl.Java p.9; Det.Syll.p.995;
 DICHAETA, E.-Abh.Ber.I344p.200: I372pl.I2f3, 4; K.S.A.p.133; Prit.p.
 332; N.L.VD.p.26-3f77; Perag.p.77: Det.S.p.990: (C.remotis.)---
 DICLADIA, Castr., I337p.32-3fI; I9f7, 3; Notar.I339p.749; Det.Syll.
 p.993: (Dieladiae, species multae.)--
 DIDYMUS, E.-Abh.Ber.I345p.75; He.pls.35A-I7f3; 35A-I3f4; K.S.A.p.133;
 M.J.I353p.1.7f3-7; Prit.p.332; Jan.Gu.p.17-Ia, f2I, 30, 32; Carr.p.93:
 M.D.pl.4If47; Weisse Gu.pl.1fI5; R.E.D.p.32I; M.T.P.3-5-IO; Brin &
 T.p.70; T.B.C.Vol.I3p.209-92f3; Wollé pls.35fI2, I4-I6; 73fI6: Det.
 Syll.1.997: Cl.1894p.13-1f3, 4: Gran, N.N.Exp.p.17f8-10: 3f37 (*C.h.mamillanum*)
 DIPLOMIS, E.-Abh.Ber.I344p.265; A.O.S.I345p.323-4fI9; M.pl.33-I3fI:
 K.S.A.p.133; Prit.p.33I; R.E.D.p.32I; Det.S.p.997:-(*C.bacillaria*.)---
 DISPAR, Castr.I337p.73-3f6; Notar.I339p.749; Det.S.p.993;
 DISTANS, Cl.Java p.9-2fII; V.H.S.pl.32f4; Mobile; Brin & T.p.70; (*C.laciniosa*)
 Villef.p.34; Malaisie; Wollé pl.32f29; Det.S.p.990; Cl.1894p.14-2f2:
 DIVERSUS, Cl., Java p.9-2fI2; V.H.S.pl.3If5; Villef.p.34;
 Malaisie; Det.Syll.p.991:
 EIBENI, Grun., V.H.S.pl.32f9, IO: (C.paradoxum, v.3)---
 FORCATUS, E.-Abh.Ber.I372p.192; Det.Syll.p.1000:
 FORCELLATUS, Bailey.-A.O.S.I353p.3-1f4; Prit.p.332; R.E.D.p.322; Cl.
 I330p.120-7fI36; Vega p.437; Det.S.p.994; Oestrup 1897p.342:
 v.Anglica, Grun.-V.H.S. Det.S.p.994; -(*C.anglicus*).
 v.mammosa, Cl.I330p.120-7fI37; Vega p.437; Det.S.p.994;

- > Bottineum, Cl. 1897p. 20: Roy. Soc. Rep. 1896 No. 8 p. 10: - (C. ...)
- > Brightwellii, Gran N.E. p. 11-1 f 1a-c: - (C. ...)
- > cinctus, Gran N.E. p. 24-2 f 23-27: Cl. 1897p. 20: - (C. incinctum, Blm)
- > cochlea, Schutt, Ber. Deut. Bot. Ges. 1895p. 41: - (C. curvisetus)
- > compactum, Schutt. Ber. Deut. Bot. Ges. Vol. 13p 46, f 20: - (C. ...)
- > conmutatus, Cl. R.S. Rep. 1896p. 28, f 9, 10: - (Ch. caeniosus)
- > constrictum, Gran N.E. p. 17-1 f 11-13: Cl. 1897p. 20:
- > contortum, Schutt, Ber. Deut. Bot. Ges. 1895p. 44: 1896p. 10:
- > coronatum, Gran N.E. p. 22-2 f 28-31: Cl. 1897p. 20:
- > crinitum, Schutt. Ber. Deut. Bot. Ges. 1895p. 42: Cl. 1897p. 20:
- + criophilus, Cl. 1897p. 20-1 f 6: - (C. Brightwellii)
- > currens, Cl. Scot. p. 299 f 8: 1897p. 20:
- + curvisetus, Cl. 1897p. 20-1 f 16: - (C. cochlea)-
- > debilis, Cl. 1897p. 1: - f 2: 1897p. 21: Gran N.E. p. 23-2 f 14, 15 (C. gemmiferum)
- > discipiens, V. Grunowii, Schutt. Cl. 1897p. 21: - (C. ...)
- > diadema, E. - Gran, N.N. Exp. 1 f 1: - 1897p. 342: Cl. 1897p. 21: - (Ch. curvisetus, p.p. v. Graenicheri, v. Syntherisma)
- + dilectum, v. Grunowii, 1897p. 21: Cl. 1897p. 21:
- > " v. hiemalis, Cl. 1897p. 21-1 f 18:
- > " v. longicrus, Cl. 1897p. 21-1 f 16, 17: - (C. furcellatus, var.?) -
- + diversus,
" var. tenuis, Cl. 1897p. 21-2 f 2:
- > externum, Gran N.E. p. 25-3 f 44: - (C. anastomosans).
- > furca, Cl. 1897p. 21-1 f 10: Landu T.M.S. Vol. 12 p. 342.
- + furcellatus, Bail. - Cl. 1897p. 21: Roy. Soc. Rep. 1896(3) No. 4 p. 2 f 7:

GASTRIDIMUM, E.-Abh. Ber. I345p.75; M.J. I353p. I07-7f3; Prit. p.332; R.E. D.p.322; V.HS. pl.32(2)f1,2; J.Q.C. I337p.7I; Pant.2p.74:-(Goniothec.)-
 GRACILIS, Pant.3p. -I9f273; Det.Syll.p.999:
 HALO, Brun.-Det.Syll.p.999:- (Bacteriastrom.)
 HISPIDUM, Britw.-M.J. I353p. I07-7f37; R.E.D.p.322;
 (C.Moniceae:-Goniothecium.)---
 HUNGARICUM, Bailey N.S.p.9, f30-32; M.J. I353p. I07-7f9-II; Prit, p.332;
 Carr. .96; Jan. G. p. I7-Ia, f33; R.E.D.p.322; Brun & T.p.70; Woll. pl.
 35f9, I0; Det.S.p.990:
 " v.umbonata, Castr. I337p.30-29f I0, I3; Det.Syll.p.990:
 IMPLICANS, E.-Abh. Ber. I372p.2I3, pl.4f3,4; Det.S.p. I000:
 JANISCHIANUM, Castr. I337p.77 cum icone; Not. I339p.749; Det.S.p.993:
 JAPONICUS, E.-Abh. Ber. I372p. I93; Det.Syll.p. I000:
 JAVANICUM, Cl. Java p. I0-2f I3; Brun & T.p.70; Malaisie; Det.S.p.99I;
 KARIANUM, Grun.-Cl. I330p. I20-7f I35; Vega p.437; Det.S.p.994;
 LAEVE, Forst. -Ann. Bot. Brit. I392p.33-3f2; Det.S.p. I000:
 LAUDERI, Ralfs. -T.M.S. I334p.77-3f4; Hedw. I365p.32; Det.S.p.995;
 " var., Ralfs, T.M.S. I334p.73-3f3;
 > LORENZIANUM, Grun. I333p. I57-I4f I3; I333p.23; Cl. Java p.9; Sm. Sp. T.
 329; V.HS. pl.32f2; Villef. p.34; Malaisie; Det.S.p.994; -(C.cellulosum)
 " v. parvula, Grun.-Cl. I330p. I20-7f I33; Vega p.437; Det.S.p.994;
 LORENZII, Grun.-V.HS. pl.32(2)f9;
 MAMMILLANUM, Cl. Kanon. 1885p.55; Katt. / 889 p.3 cum icone; ---
~~Glove Katt. 889 p.3 cum icone; Bot. Chlt. I390p. I3, Nos, 27, 23;~~
 Det.Syll.p.993;
 MESANSE, Castr. Med. I375p.75-I f Ia; Villef. p.34; Det.S.p.993;
 MONICAE, Grun.-V.HS. pl.32(2)f4; Woll. pl.35f22; Det.Syll.p. I000:
 (C.hispidium.)-
 NAVICULA, Britw.-M.J. I353p. / 7-7f33; R.E.D.p.322: (Goniothecium.)
 NODULOSUM, Shadb.-Det.Syll.p. I000: (Bacteriastrom.)
 NUDE, Forst. -Ann. Bot. Brit. I392p.37-3f I:
 ODONTELLA, Rabh. E.D.p.322: (Goniothecium.)
 PANDURIFORMIS, Bailey Coll.: Det.S.p. I000:
 PARADOXUM, Cl. Jav. p. I0-3f I3; Malaisie; Det.S.p.992:-(C.Eibeni.)-
 " v. subsecunda, Grun., V^H S. pl.32(2)f3,7; Det.S.p.992;
 PELAGICUM, Cl. I373p. II-I f4; Vega p.437; Det.S.p.993;
 PERUVIANUM, Britw.-M.J. I353p. I07-7f I3-I3; I353p. -5f9, I0; Prit. p.332:
 Mull: R.E.D.p.322; O'M. Kerg.: Cl. I373p. I2: Java p.3; Vega p.437;
 Malaisie; Villef. p.34; Det.S.p.99I; Cl. I377p.22; Cl. Scot. p.299f7:
 " v. robusta, Cl. Java p.3-2f3; Malaisie: (C.boreale ?)-
 PETHOI, Pant.3p. -20f239; Det.S.p.999:
 PENNATUS, Grun.-Det.Syll.p. I000: (Actiniscus & Bacteriastrom.)-
 PLIOCENUM, Brun, & I39I p. I5-I9f Ia-c; Det.S.p.997:
 PRODUCTUM, H.L. Sm.-Det.Syll.p. I000:-(Bacteriastrom.)---
 PROTUBERANS, Lann.-T.M.S. I334p.79-3f II: Cl. Java p.9; Det.S.p.993:
 " var., Castr. I337p.73-3f2:
 RADICULUM, Castr. I337p.39 cum icone; Not. I339p.749; Det.S.p.997:
 RALFSII, Cl. Java p. I0-3f I5; V.HS. pl.32(2)f3; Brun & T.p.70;
 Malaisie; Villef. p.34; Det.S.p.992:

- > gracile, Schutt. - Ber. Deut. Bot. Ges. 1895 p. 42: - (Ch. d. ...)
- > Greenlandicus, Cl. - R. S. A. Rep. 1891 p. 7: - (Ch. d. ...)
- > Grunowii, Schutt. - Ber. Deut. Bot. Ges. 1895 p. 43: - (Ch. d. ...)

incursum, Bail. M. J. 1856 p. 107-7f 7, 10: - (C. com. ...)

> laciniatus, Schutt. - Ber. Deut. Bot. Ges. 1895 p. 38: (Ch. d. ...)
 Gran. N. E. pl. 1 f 4-7:

> Leudugeni, Bn. - Le D. vol. 2, no. 1 p. 74-6 f 12-15:

+ Lorenzianum, Cl. 1897 p. 21-1 f 13-15: 18:

+ Messanense,

> perpusillum, Cl. 1897 p. 22-1 f 12: - (Ch. pollicium, var.?)

> plicato-rugosum, Bn. - Le D. vol. 2, no. 1 p. 75-6 f 16-17:

- REMOTUS, Grn. & Cl.-Cl. I330p. I20; Cl. & M. I25 sub: (C. aichaeta.)--
 ROGERSII, E.-R.E.D. p. 322: (Goniothecium.)
 ROSTRATA, Laud. -T.M.S. I334p. 79-3f I0; Hedw. I335p. 62; Det. Syll. p. 996:
 RUDIS, Fortm. -Malaisie; Det. Syll. p. I000:
 SECUNDUM, Cl. Java p. I0-2f I4; Malaisie; Det. S. p. 992:
 " ^{spiralliter} var. H.V.H.S. pl. 32(2)f5;
 SIGMO-CALAMUS, Brun & T. p. 3I-7f5; Det. S. p. 993:
 + SOCIALIS, Lauder. -T.M.S. I334p. 77-3f I; Hedw. I335p. 3I; Det. Syll. p. 995;
 SPIRILLUM, Bailey Coll.: Det. Syll. p. I000: (Bacter.)-
 SYMMETRICUS, Fortm. -Det. Syll. p. I000: (Bact.)
 TENELLUS, E.-Abh. Ber. I372p. I79; Det. S. p. I000:
 TETRACHAETA, E.-Abh. Ber. I344p. 200; I372pl. I2f5, 6; W.S.A. p. I33;
 Prit. p. 332; R.E.D. p. 32I; Det. S. p. 997:
 VALIDUM, Grn. -Cl. & M. I25: (C. coarctatum, v.)---
 VARIANS, Lauder. -V.H.S. p. I95-70f3-5; T.No. 445; Det. Syll. p. 993:
 (Actiniscus; -Bacteraiastrum furcatum, curvatum & v.)
 WIGHAMII, Brtn. -M.S. I356p. I03-7f I9-36; Prit. p. 362-3f24; Carr. p. 96:
 Mull: R.E.D. p. 32I, I9I; Cl. I373p. I2; I330p. I20-7f I34; I39Ip. 65-3f I7;
 Vega p. 437; Fortm. Cay. p. 73; Sm. Sp. T. 63; Carp. I33Ip. 354, f I32; Dannf. p.
 43; V.H.S. p. I95-32f I; Perag. p. 77; Det. S. p. 990: (refer Cl. & C. bottnica).
 Cl. I897 p. 22; Carp. I89I, f469:
 CHELONIODISCUS. - (Pant., I886) -
 ?? LeD. Vol. Ip. I2: Pant. Ip. ???: - (Tabulina testudo.)--
 ANANINENSIS, Pant. 2p. 35-I7f232; 3p. -27f393; Det. Syll. p. 399:
 CLADOGRAMMA; --- (Ehr., I854) -
 CALIFORNICUM, E.-Mik. pl. 53-I3f Ixx; Bailey Coll.: Prit. p. 3I4-3f II: V.
 H.S. pl. 33(2)f I3, I9; M.D. pl. 42f24; Det. Syll. p. I422: - (Stephanogonia.)--
 CEBUENSE, Grn. -V.H.S. pl. 33(2)f20: Det. S. p. I422:
 COMICUM, Grv. -T.M.S. I365pls. 5f7; 3f I, 2: Det. S. p. I42I;
 " v. reticulata, Brun & T. p. 69:
 OVALE, Grn. -Cl. & M. 2I5 sub; Det. S. p. I422:
 CLADOMPHALUS. -- (Bailey,) -
 ELEGANS, Bailey Coll: Det. Syll. p. I425: (Asteromphalus.)
 CLAVICULA. ----- (Pant., I886) -
 ARENOSA, Brun, I39Ip. I5-22f2; Det. Syll. p. 697:
 ASPICEPHALA, Grs. -J.R.C. I337p. 73: (C. polymorpha, v.)---
 BIARENSIS, Pant. Ip. 33-26f232; Notar. I333p. 552; Det. S. p. 697:
 DELICATULA, Pant. 2p. 65: (C. polymorpha.)--
 " v. radiata, Brun & T. p. 3I-9f I3: (C. polymorpha, v.)
 JIMBOI, Pant. 3p. -42f533;
 KINKERI, Pant. 3p. 7. -3f50;
 POLYMORPHA, Grn. -Pant. Ip. 37; Notar. I333p. 53I; Det. S. p. 695;
 (C. aspicephala, delicatula, robusta.)--
 " v. amphilepta, Pant. Ip. 37-26f234; 2, p. 65: Notar. I333p. 552;
 Det. S. p. 696:

> Saltans, Cl. 1897p. 22-158:

> SCHÜTTII, Cl. 1894p. 14-1f1: Schüttii Cl. 1897p. 22: Gran N.E.p. 19-2f19, 20:

> Scelopendra, Cl. R.S. Rep. 1896(3) no. 5p. 3 of 4, 5: 1897p. 22:

Gran N.E.p. 24-4f52, 53:

> seiracanthus, Gran N.E.p. 21-3f39-41: Cl. 1897p. 22:

> Septentrionale, Restrepia max. D. pl. 7555 (Ch. gracile) -
Cl. 1897p. 22:

> similis, Cl. 1896(3) no. 5p. 3 of 1: 1897p. 22: Gran N.E.p. 15 4f55:

> Skeleton, Schütt. - Ber. Deut. Bot. Ges. 1895p. 45: Cl. 1897p. 22-2f3:

+ socialis, Cl. 1896(3) 4p. 9-2f9: 1897p. 22: Gran N.E.p. 12-1f12:

> vermiculus, Schütt. - Ber. Deut. Bot. Ges. 1895p. 39:

> subtilis, Cl. R.S. a. 1896(3) 5p. 30, f8; 1897p. 22:

> terres, Cl. R.S. a. 1896(3) 5p. 30f7, 11: 1897p. 22:

> tetrastichon, Cl. 1897p. 22-1f7:

> Willei, Schütt. - Ber. Deut. Bot. Ges. 1895p. 44: Cl. 1897p. 22:

> Willei, Gran N.E.p. 14-4f47: Cl. 1897p. 22:

CLISTULA.

Lorenziana, Gran. - Cl. Nav. p. 124-1f31: - (Trav.)
atlas 2 12f51-56:

Clavicular

filiformis, On. Le D. Vol. 2, No. 11p. 75-5f12-14: -

(Thal'thrix elongata, v.)

- * *v. aspicephala*, Pant. Ip. 37-2f15; 2p. 65: Notar. I333p. 531;
 Del. Syll. p. 696: (Clav. aspic.)--
 * *v. delicatula*, Pant. Ip. 37-9f75; 26f233a; 28f237: Del. S. p. 696;
 Notar. I333p. 532: (C. delicatula.)
 * *v. pachycephala*, Pant. Ip. 37-26f233: Notar. I333p. 531; Pant. 2p. 65:
 Del. Syll. p. 696:
 * *v. platycephala*, Pant. Ip. 37-26f235; Notar. I333p. 532; Del. S. p. 696:
 * *v. radiata*, Brin. - Del. Syll. p. 696: (C. delicatula, v.)
 * *v. tumida*, Pant. Ip. 37-2f12; 2p. 65: Notar. I333p. 531; Del. S. p. 696:
 ROBUSTA, Brin., I39 Ip. I3-22f1; Del. S. p. 696: (C. polymorpha.)---
 SZAKALENSIS, Pant. Ip. 33-30f301; Notar. I333p. 532; Del. Syll. p. 697:

CLAVULARIA. ---- (Grev., 1865.)--

- > BARBADENSIS, Grev. - T.M.S. I365p. 24-3f1-3; M.D. pl. 42f33; Del. S. p. 317:

CLIMACIDIUM. --- (Ehr., 1869.)-

- > DECAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f3: - (Eumotia.)
 DIADEMA, E. - Abh. Ber. I369p. 47, pl. 2-3f4; - (Eumotia.)
 ENNEODON, E. - Abh. Ber. I369p. 47, pl. 2-3f7; - (Eumotia.)
 > FRAUENFELDII, Grun. - V.H.S. pl. I06f5: - (Eumotia.)
 HENDECAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f9; - (Eumotia.)
 HEPTAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f5: - (Eumotia.)
 MONODON, E. - Nord. p. -2f11: - (Eumotia.)
 OCTODON, E. - Abh. Ber. I369p. 47, pl. 2-3f6: - (Eumotia.)
 PENTODON, E. - Abh. Ber. I369p. 47, pl. 2-3f3; - (Eumotia.)
 TETRAODON, E. - Abh. Ber. I369p. 47, pl. 2-3f2; - (Eumotia.)
 TRIODON, E. - Abh. Ber. I369p. 47, pl. 2-3f1; I370p. 53, pl. 3-1f23;
 (Eumotia tridentata, v.) -
 ZYGODON, E. - Nord. p. -2f10: - (Eumotia.)

CLIMACODIUM. --- (Grun., 1868.)-

- FRAUENFELDIIANUM, Grun. I363p. I02-Ia, f24; Del. Syll. p. 936: (Eucampia.)-
Grevillea vol. 1 p. 93-6 f10:

CLIMACONEIS. --- (Grun., 1862.)-

- FRAUENFELDII, Grun. I362p. 421-7f2; Del. Syll. p. 760:
 (Stictodesmis Australis: Var. Scopulorum:
 LORENZII, Grun. I362p. 421-3f7; Hedw. Vol. 6p. 7; R.E.D. p. 305;
 Del. S. p. 760: [Var. scopulorum.] (Climacosphaenia linearis.)---

CLIMACOSIRA. --- (Grun., 1862.)-

- MIRIFICA, Grun., I362p. 424-9f3; I363p. 96; Cl. I373p. 14; Vega p. 503;
 M.T.P. 2-1-7: Del. Syll. p. 765: (Rhabdonema.)---

CLIMACOSPHEMIA. --- (Grun., 1863.)-

- AUSTRALIS, K.B. p. 123-10f3; K.S.A. p. 114; Prit. p. 772; R.E.D. p. 299:
 Grun. I363p. 5; Perag. p. 73; Del. Syll. p. 740: (C. Indica.)---
 CATENA, Schaub. - T.M.S. I351p. 17-1f15; Fortm. Cey. p. 54: - (C. monilifera.)---

Clavularia.

catinata Bn. - Le D. 2, no. 22 p. 200-201, 18: 18: 18:

Cleveia. - (Le D. 2, no. 22 p. 200-201, 18: 18: 18:)

Cleveia Castacanei, Pant. - Le D. vol. 2 p. 162: (Alloioneis.)

Climacodium.

biconcarum, Cl. 1897 p. 23-24 f. 16, 17:

Thunfeldianum

"var. Jacobi, Cl. 1897 p. 23-24 f. 18:

ELONGATA, Bailey N.S.p.3, f10, II; Prit.p.772; Grin. I362p.353-3f22; R.
E.D.p.299; Grin. I363p.5; Breb. Verm. p.9; Fortm. Cey. p.54; Cl. I373p.14;
Vega p.503; Perag. p.73; Villef. p.33; Wollé pl. 43f32, 33; Malaisie;
Det. Syll. p.739; (C. Frauenfeldii & ramosa.) ----
FRAUENFELDII, Grin. I362p.353; (C. elongata.) --
INDICA, Hitzsch. I362p.13-5f1; R.E.D.p.299; Malaisie; (C. Australis.) -
LINEARIS, Jan. & R. p.3-2f2; R.E.D.p.299; Fortm. Cey. p.54; Malaisie;
(Climaconeis Lorenzii.) -

MAXIMA, Rab. - Haw. Vol. I. p.103-13f1; R.E.D.p.299; Det. S. p.741;
MDILIGERA, E. - Amer. pl. 2-6f1; K.B.p.123-29f30; K.S.A.p.114; Bailey &
M. p.1.9f14; Prit. p.772; Iff45, 46; Grin. I363p.139-14f17; I365p.5; Jan. &
R. p.3-2f1; M.D. pl. 19f9; R.E.D.p.299; Breb. Verm. p.9, f11; Pet. Cat. p.
33; M.T.P. I-2-II; Sm. Sp. T. 331; Cl. & M. I21; Perag. p.73; Villef. p.33;
Wollé pl. 29f7, 8; Malaisie; Part. 21. 67; Det. Syll. p.740;
(C. cecina; -Echinella flabellata.) -

* v. Hungarica, Part. 21. 67-301423; Det. S. p.740;

RAMOSA, Bailey N.S.p.3;

(C. elongata.) ----

COCCONEIS. ----- (Ehr. 1835) -

--, Menz. A.N. p.405; - atlas 189f24-26; Pfitzer 1.47; atlas 197f12.
--, Tarsch I379p.49; - atlas 195f6; A.N. I35p.1.
--, E. - Mik. pls. 7-3b, f5; atlas 196f3, 30; 7-4f3; - atlas 192f5, 13-15, 27, 56, 64.
--, Williamson p.30-1f23, 24; --, A.S.S. I342p.101-2f34;
--, A. Schm. N. C. pls. Iff21; - atlas 194f16, 21, 22; --, 3f13b; - atlas 193f13, 19, 20, 28, 38, 39, 56.
--, Witt I333p.15-4f12, 21, 22; - atlas 190f27, 44-46; - 191f4, 10, 12, 21, 35, 38, 23-26, 47, 50.
ACUTA, E. - Mik. p.30; Det. Syll. p.433;

ACUTATA, Radh. E. D. p.102;

(C. oblonga & ?) --

ADRIATICA, K.B. p.73-5f3(2, 9); K.S.A.p.53; Breb. D. C. p.14; Italy;

Prit. p.369; R.D.E. No.7; Petit Cat. p.12; Sm. Sp. T. 332;

(C. scutellum, v. - C. mediterranea.) -

> AGGERATA, K.B. p.72-5f3(5); K.S.A.p.51; Prit. p.333; R.E.D.p.101;

(C. consociata, nigricans & scutellum, v. parva.)

> AMBIGUA, Grin. I363p.14-1f9; Wollé pl. 33f35, 36; Det. Syll. p.457;

> (C. Californica & Mexicana.) - Grevillea Vol. 1 p.30-2f9;

* v. Gradowii, Det. Syll. p.451;

(C. ambigua.) ---

* v. Montereyi, Grin. - Cl. & M. I34 sub; Det. S. p.453;

AMERICANA, Amer. p.123; Mg. I356p.33; K.B. p.73; K.S.A.p.53; R.S.D.p.

27; Prit. p.371-12f43; R.E.D.p.105; Wollé pl. 33f32;

(C. Mexicana.) --

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- BRAMAPUTRAE, E.-Mik. p. 123; Det. Syll. p. 464;
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 " v. *pygmaea*, Pant.3p. -8fI40; -(C. *placent. v. lin.*)

- LONGA, E. - Amer. p. 123; Mg. pl. 5-If25; K.B. p. 73; K.S.A. p. 52; R.S.D. p. 27; Prit. p. 337; (C. placentula, v., & diaphana.) -
- LORENZIANUS, Perag. - Villefranche p. 37-5f53; - (C. pinnata.)
- LUNATA, Fortm. Cey. p. II-If3; Det. Syll. p. 453; - (C. *het.*)
- LUNYACKSEKII, Pant. 3p. - 4If564; - (C. *pelluc.* v. *Yank.*)
- LYRA, A. Schm. N.D. p. 93-If10; 1901 S. p. 449; *Cl. Nav.* 2p. 180; +
- MAJOR, Greg. D.C. p. 20-If23; Breb. D.C. p. 13; Verm. p. 9; Prit. p. 369; R. E.D. p. 101; Carr. p. 97; Cl. 1333p. 232; Petit Cat. p. 12; Italy; Sm. Sp. 1. 74; A.J.M. 1377p. 102; Perag. p. 53; (C. diaphana & pseudo-marginata.) ---
- MARGARITIFERA, E. - Abh. Ber. 1343p. 256; Prit. p. 371; R.E.D. p. 105; Det. Syll. p. 461;
- MARGINATA, K.B. p. 73-5f6(1); K.S.A. p. 52; Rath. Alg. 1041; Prit. p. 363; R.E.D. p. 100; Pet. Cat. p. 12; Italy; Wolle pl. 33f33; Det. S. p. 461; (C. scutellum, v.) ---
- MEDITERRANEA, K.B. p. 73-5f3(6); K.S.A. p. 53; Prit. p. 369; R.E.D. p. 100; Breb. Verm. p. 9; Pet. Cat. p. 12; Fortm. Cey. p. 9; Italy; Lanzi 1376p. : (C. scutellum, var., & Adriatica.) *Adanson 1763p. 397.*
- MEXICANA, E. - Amer. p. 123, pl. 3-5f7; K.B. p. 73-23f16; K.S.A. p. 53; R.S.D. p. 27-3fII; Det. S. p. 461; (C. Americana.) ---
- MINOR, Rath. S.D. p. 27; Ebert, Cassell; Hoffmann, Marburg; - (C. pediculus, v.)
- MOLESTIA, K.B. p. 71-5f7(1, 2); K.S.A. p. 50; Prit. p. 337; R.E.D. p. 100; A. + Schm. N.D. p. -3f20; *Cl. Nav.* 2p. 174; - Det. Syll. p. 459; Herib. p. 46; Malaisie:
- v. crucifera, Gran. - V.A.S. pl. 30f20-23; - (major et minor.) *Cl. Nav.* 2p. 174;
- MONTREYI, Gran. - Cl. & M. No. 164; (C. ambigua, v.) -
- MORMONORUM, E. - Abh. Ber. 1370p. 53, pl. 2-If45; Wolle pl. 37f23; Det. Syll. p. 449;
- MORRISSI, W.S. - Greg. D.C. p. 70; Breb. D.C. p. 22; Prit. p. 372; Carr. p. 93; R.E.D. p. 103; Det. Syll. p. 462; - (C. *sect. v. Bally.* - (C. Morrissiana.) ---
- NAVICULA, E. *Mon.* Ber. 1340p. 12; K.B. p. 74; K.S.A. p. 53; Prit. p. 372; Det. S. p. 461;
- NAVICULARIS, E. - Mik. p. 6; Prit. p. 372; Det. S. p. 463;
- NAVICULOIDES, Grev. - T.M.S. 1365p. 34-4f24; J.Q.C. 1337p. 72; Det. S. p. 443; +
- NEOGRADENSIS, Pant. Ip. 31-13fIII; 2, p. 53; Notar. 1333p. 463; Det. S. p. 447; (A. *nevad.*)
- NIDULANS, K.B. p. 72-4f16; K.S.A. p. 51; Prit. p. 367; R.E.D. p. 100; Det. Syll. p. 460; Hoffmann, Marburg; (Frustulia.)
- NIDULANS, Lobarz. - Linnea 1340p. 275-5f4; Mathieu: (C. dirupta & limbata.) ---
- NIGRICANS, K.B. p. 72-5f3(3); K.S.A. p. 51; Prit. p. 369; Italy; R.E.D. p. 102; Wolle pl. 33f37; (C. aggregata, consociata, scutellum.) -
- var. "b", denudata, K.B. p. 72-5f10(3); K.S.A. p. 51; Prit. p. 369; Italy; (C. nigricans.) ---
- NINPOENSIS, Petit, Nimrod p. 6-3fI; Det. S. p. 443; - (C. *nittidissima.*)
- NIPTICA, Greg. D.C. p. 20-If23; Prit. p. 371; Carr. p. 93; R.E.D. p. 103; Fortm. Cey. p. 10; Brun & T. p. 70; Wolle pl. 34f3, 5; (Raphoneis Liburnica.) -

- + *Cyra*, (C. *longicauda*)
- > *Cyrtus*, G. - Mik. p. 11. Det. by C. P. K. C.
- > *magica*, f. - Atlas 189f34:

- minuta*, C. Nav. p. 119: (C. I. - Det. by C. P. K. C.)
- " *var. alpestris*, G. - C. Nav. 2 p. 10: - (Det. by C. P. K. C.)
- " *molata*,
- " *var. amygdalina*, B. - Atlas 193f48-51: - (Det. by C. P. K. C.)
- " *forma angusta*, K. - V.H.S. pl. 3 of 18, 19
- > *marconensis*, C.S., Atlas 194f9: C. Nav. 2 p. 117:

maricoides, (Mastogloia n.)

- NODULIFER, Grove & Start. - J.Q.C. 1337p. 131-10f5; Det. Syll. p. 449;
 NORVEGICA, Gr. - Cl. M. 1878 #102; - (C. Lyra.)
 NOTABILIS, Pant. 3p. - 35f492; - (C. pellucida?) (C. rotundata.) --
 NOTATA, Petit Cat. p. 10-4f1; J.R.M.S. 1373p. 233-14f1; Det. S. p. 443;
 Hdw. 1373p. 125; Cl. Nav. 2p. 176;
 OBLONGA, K.B. p. 72-5f3(7); K.S.A. p. 54; E.Mg. 1353p. 33; Prit. p. 333; R.
 E.D. p. 105; Wille pl. 33f34; (C. acutata & diapha.) ---
 OCEANICA, E. - Abh. Ber. 1340p. 35; Amer. pls. I-1f14; 2-3f11, 12; K.B. p. 72-
 5f5(3); 3f4; K.S.A. p. 54; Prit. p. 333-12f42; N. & R.S. p. 35; Sm. Sp. 1.
 75; Wille pl. 33f35; - (C. pediculus?) (C. diapha & placentalis.) -
 + OCULUS-CATIS, Br. m. 1391p. 18-13f5; atlas 198f22-24; - (C. Andesitica.) -
 ORNATA, Greg. D.C. p. 19-1f24; Prit. p. 370; Carr. p. 93; R.E.D. p. 102; Jan.
 & R. p. 7-1f15; Det. S. p. 442; - (C. Scutellum)
 + PACIFICA, Gr. m. 1333p. 11-1f10; O'M. Verg.: Pet. Cat. p. 12; Sm. Sp. T. 334;
 Det. S. p. 442; atlas 189f23; (C. costata; - Rhaphoneis Archeri.) ---
 PATAVINA, Meneghini. - K.S.A. p. 50; (C. pediculus.) --
 PARADOXA, E. - Mik. pl. 9-2f5; Prit. p. 375; Det. S. p. 434;
 PARMULA, Bailey & Harv. p. 131-9f23; Prit. p. 370; R.E.D. p. 105;
 (Campyloneis Grevillii.)
 PEDICULUS, E. - Inf. p. 194-2f11; Mg. pl. 34-12b, f1; K.B. p. 71-5f9(1); K.
 S.A. p. 50; R.S.D. p. 27-3f1; Braemar: R. Alg. No. 367; S.B.D. 1p. 21-3f31;
 Front.: A.M.N.H. 1353pl. 1f1-12; Marissal; Desmazierres 2, No. 103; Prit.
 p. 337; R.E.D. p. 93, f25; M.D. pl. 12f17; Pfitzer p. 37-5f3; Borscow pl.
 1f13; 2f5, 6; Italy; New Zealand; Hill; Carr. p. 97; Gr. m. 1333p. 14; 1373
 p. 5; Neupauer p. 139-1f16; Eul. Sp. T. 22; Schum. H.T. p. 30; Nylander, W.:
 Proclius pp. 59, 103-2f7; Petit & Leud.; liste p. 13; Class. f1; Delogne;
 T.M.S. 1377pl. 137f1; Macdonald pl. 10f17; M.T.P. 2-4-15; Sm. Sp. 1. 76; V.
 H.S. p. 133-30f23-30; T. Nos. 243, 249; Socotra; Br. m. Alp p. 31-3f22; Cl.
 1391p. 51; Perag. p. 53; Truan 1335pl. 4f25; Lake Michigan; Gallik, Papan;
 Belloc, Luchon; Deloni, Port.; Ebert, Cassel; Spamer, Daren; Hoffmann,
 Marburg; Wille pl. 33f21, 27, 33; Pant. 2p. 53-4f35; Herib. p. 43; Det.
 Syll. p. 452; atlas 192f53-55, 58-63; 195f1-3; 198f13, 14; - (Amphora; -
 Cymbella; - Trist. lens; - C. communis, Katzingii, Patavina, pumila.) -
 " var. "b" salina, K.B. p. 71-5f3(3); K.S.A. p. 50; Prit. p. 337; - (C. salina.) -
 " var. "g" minor, K.B. p. 71-5f9(3, 4); K.S.A. p. 51; (C. minor.) -
 " v. genuina, Gr. m. 1333p. 15; Det. Syll. p. 452;
 " v. rotunda, Br. & Her. - Herib. p. 213;
 " v. salinarum, Pant. 2p. 53-27f393; Det. Syll. p. 452; Cl. Nav. p. 169;
 PELLUCIDA, . - Hantzsch 1362p. 21-3f11; Gr. m. 1333p. 145-13f6; R.E.D.
 p. 103; Br. b. Ver. p. 9; H.T. p. 2-4-19; Pet. Cat. p. 11; Gr. m. 1333p. 12; Cl.
 1373p. 14; Vega p. 504; Italy; J.Q.C. 1335p. 135; Witt 1333p. 15-4f11;
 Perag. p. 53; Pant. 2p. 53; Malaisie; Det. Syll. p. 455; atlas 194f2;
 (C. curvirostrata & pseudomarginata, Oceanica, ~~rotunda~~ & circumcincta)
 + " v. fossilis, Pant. 3p. 7, - 32f435; - (var. hankooensis) atlas 193f6-8; ---
 + " v. minor, Gr. m. 1333p. 13-1f7; Det. S. p. 455; + (C. exarata & lineata.) ---
 + " v. Nankooensis, Gr. m. 1333p. 93; Det. S. p. 455; atlas 191f48; 194f15; +
 PELTA, A. Schm. N.D. p. 9-3f17; Det. Syll. p. 450; atlas 192f16; 191f15-17.
 191f6 - Cl. Nav. 2p. 18

- PERSICA, Rabh. S.D. 1.27-3f5; Prit. p.369; R.E.D.p.105; Det. Syll. p.451;
PERPUSILLA, Pant. 2. p.53-4f73; Det. S. p.447; *Cl. Nov. 2 p.194*; -(Achnanthes?)
PERUVIANA, K.B. p.73-5f6(7); K.S.A. p.59; Prit. p.369; Jan. Gu. p.16-5f6,7; R.D. Ex. No.3; R.E.D. p.105; (C.scutellum, v.)
PETHOI, Pant. 3. -3f504; -(C.scutellum, v.)
PINNATA, Greg. -M.J. 1359 p.79-3f1; Prit. p.370; Carr. p.93; R.E.D. p.103; V.A.S. pl.30f6,7; Villef. p.37; *Atlas 189f1-5; 190f3, 4; Cl. Nov. 2 p.180*;
PINNULARIA, Bailey. -A.J.S. 1341 p.1.2f34; K.B. p.73-5f34; V.S.A. p.52; Prit. p.369; R.E.D. p.103; Wille pl.33f41; Det. S. p.443;
PLACENTULA, E. -Inf. p.194; Amer. pls. I-If10; I-2f24; Mg. pls. I-If12 5-If24; 3-If13; 9-If46a-c; I3-If13a,b; 20-If52; 33-5f1; 35A-113(1) K.B. p.73-23f13; K.S.A. p.52; R.S.D. p.27-3f3; R.Bac. Ex.40; R.Alg. 363; S.B.D. 1. p.21-3f32; Mull; T.M.S. 1354 p.73-3f1; Prit. p.363-7f36; weisse Gu. 1. If16; 1364 p.630-If16; New Zealand; R.E.D. p.99; Arenig Bach; Grun. 1363 p.16; 1373 p.5; Amazon; Italy; Guinard p.31; Schum. H.1. p.60; Lanzi, 1373 p.5; Ostia p.3; Hull; Petit & Leud.; Cat. p.15; liste p.13; Nimrod; Lanzi, Tor.; Sm. Sp. T.77; Dannf. p.14-If1a-c; M.T.P. 2-6-13, 14; Cl. 1331 p.10; Vega p.491; 1391 p.51; Tanarck 1379 p.49, f27b; Hoffmann, Marburg; Deby Polder p.13; Kinnord; Fortm. Cey. p.10-If4; Brun Alp p.31-3f23; V.A.S. p.133-30f26,27; Truan 1335 p.1.4f24; Ebert, Cassel; Perag. p.53; Gelloe, Lichen; Gallia, Papan; Wille pl.33f17, 13; Herib. p.44; Det. Syll. p.454; *Atlas 192f38-44, 46, 47, 49-51; 193f1-4; Oestr. 97 p.327*; (C.communis, concentrica, striolata, *Reichelii*, *producta*.
" forma marina, Rabh. E.D. p.99: (C.Oceanica, elongata, longa.)
" perpusilla, Rabh. E.D. p.99:
" v.costata, Brun Alp p.31:
" v.punctata, Brun Alp p.31: -(C.punctata, E.)-
" v.lineata, E. -V. A.S. p.133; Det. Syll. p.454; *Atlas 191f56*; -(C.lineata.)
PORTII, O.M. -M.J. 1337 p.243-7f17; Det. S. p.454; -(C.scutellum.)
PRAECELLENS, Pant. 1. p.31-3f39; 2, p.53; Det. S. p.447; *Atlas 196f1*; *Cl. Nov. 2 p.197*;
PRAETEXTA, E. -Amer. pl. 3-3f11; Prit. p.363; Italy; R.E.D. p.105; Det. S. p.464;
PRODUCTA, Clave Vega p.512: -(Achnanthes.)
PSEUDO-MARGINATA, Greg. D.C. p.20-If27; Prit. p.371-7f39; Carr. p.93; R. E.D. p.104; Italy: Jan. & R. p.7-If16; Breb. Verm. p.9; Grun. 1363 p.13; A. J.M. 1377 p.102; M.T.P. 2-4-18; Sm. Sp. T.74; Lagr. 1373 p.56; Malaisie; V. H.S. pl.29f20,21; Cl. Vega p.460,504; Perag. p.53; Villef. p.37; Wille pl.33f1,2; Det. Syll. p.457; Pant. 2, p.53; *Atlas 194f5-8, 12*; *Cl. Nov. 2 p.178*; (C.pellucida & major.) -- *Grevillea Vol. 1 p.31-2f6a,b*; (C.vitreascens) *Hemm.*
" v.intermedia, Grun. 1363 p.13-If6; Pet. Cat. p.12; J.Q.C. 1366 p.322; Det. Syll. p.457; *Atlas 194f19*; *Cl. Nov. 2 p.178*; (C.Kirchenpaderiana)
PUMIL, K.B. 1.71-5f9(2); K.S.A. p.51; R.S.D. p.27-3f10; Prit. p.367; Italy; weisse 1360 p.11f17; Schum. 1364 p.19-2f12; Spaner, Duren; Gallia, Papan; (C.pediculus & placentula.)
PUNCTATA, E. -Amer. p.123, pl.3-If29; K.B. p.72-29f30; K.S.A. p.52; R.S. D. p.27-3f2; Prit. p.363; R.E.D. p.105; Schum. H.1. p.60-2f20; Hoffmann, Marburg; M.T.P. 2-4-17; Ebert, Cassel; (C.placentula, v.)
PUNCTATA, Loharzewski. -Linnae 1340 p.274-5f2; K.B. p.74; K.S.A. p.53; (C.scutellum, v.; ~~Auricularia~~)

> pensaculæ, a.s., atlas 192 f 4a-g. 5: Cl. Nav. 2p. 169:

> peripoma, a.s. - atlas 198 f 9:

+ pinnata (C. Lorenz, p.p. - C. dentatula: Theophrastus, C. ...)

+ placentula, Tolsta p. 42. A, Cl. Nav. 2p. 169:

" v. euglypta, E. - Cl. Nav. p. 170: (C. euglypta)

" var., a.s., atlas 191 f 3:

" forma minuta, a.s., atlas 191 f 5:

" v. Ballia, Dauff. 1882 p. 14-15: - (C. Ballia)

" v. meridionalis, Br. - atlas 192 f 34:

" v. limpida, a.s., atlas 192 f 45:

" v. inclita, a.s., atlas 192 f 48:

" v. intermedia, Her. & Per. - Cl. Nav. 2p. 169: - (C. intermedia)

" v. " " " - Cl. Nav. 2p. 169: - (C. intermedia)

" v. Rouxii, Br. & Her. - Cl. Nav. 2p. 169: - (C. Rouxii)

" v. trilineata, Her. & Per. - Cl. Nav. 2p. 169: - (C. Rouxii)

+ " v. lineata, E. - Cl. Nav. 2p. 169: - (C. lineata, var. minor type, Oestrup 1897 p. 327:

> praestans, a.s., atlas 190 f 32: (C. coelata, ...)

> probata, a.s., atlas 196 f 20: - (C. probata)

> producta, a.s., atlas 191 f 2: - (C. placentula)

+ pseudo-marg. - (C. Brit. Hance, ...] Oestrup 1897 p. 328: ...

PUNCTATISSIMA, Grev.-M.J. 1357p. 3-3fI; Prit.p. 370; R.E.D.p. 106;

Italy: Jan. & R.p. 7-IfI4:

(C. splendida; -Mastogloia cribrosa; -Orthoneis p. & splendida.)---

PYGMAEA, K.B.p. 71-5f6(4); K.S.A.p. 50; Prit.p. 367; R.D.Ex.No. 16; R.E.

D.p. 100: Italy: Schum. 1364p. 19-2fII: Flogel, Baltic: + (C. disrupta, v.) =
QUADRATA, Roper Mss.: (Navicula.)

QUARNERENSIS, A. Schm. N.D.p. -3fI6; Heaw. Vol. 15p. 3; Lagr. 1376p. 55:

Villefranche p. 35: Vega p. 400; Del. Syll. p. 451: Atlas 19-f20-25:

(Pinnularia Almanniana; -Rhaphoneis.)-- Cl. Nav. 2p. 185: (C. clavaria.)

RACIATA, Wigand.-Heaw. Vol. 2p. 46--C. Wigandii:--Greg., T.M.S. 1357p.

33-4f26; Prit.p. 371; Carr.p. 97; R.E.D.p. 104; (Campyloneis Grevillei?)

RACIATA, Pant. 2p. 59-24f354; Del. Syll. p. 447; -(C. scut. var. R.)

REGALIS, Grev.-M.J. 1359p. 153-7fI; Prit.p. 370; R.E.D.p. 106; O'M. Kerg.:
Sr. Sp. T. 635; Wolle pls. 5fII; 34f6, 7; (Campyloneis.)--

" var., Perag., Villef. p. 37-2fI2;

REGINA, Johnston.-M.J. 1360p. 13-IfI2: Prit.p. 370; Italy; R.E.D.p. 105;

Villef. p. 33-4f34; Malaisie; Del. Syll. p. 463; -(C. C. ... Pet. Cap Horn)

RHOMBEA, E. -Mab. Ber. 1345p. 75; Mg. pl. 35A-7f2; K.S.A.p. 53; Prit.p. 371;

R.E.D.p. 105; Wolle pl. 63fI9; Del. S.p. 456;

RHOMBIFERA, Bail. & Harv. p. 175-9f3, 4; Prit.p. 371; R.E.D.p. 105;

Wolle pl. 5f3, 9; Del. Syll. p. 463;

RHOMBUS, E.-Abh. Ber. 1340p. 12; K.B.p. 73; R.E.D.p. 105: (Rhaphoneis.)--

ROBUSTA, Fortm. Cey. p. 11-IfI; Del. Syll. p. 444: -(Achnanthes Sorensiana.)

ROPERIANA, (Orthoneis binotata.)----

ROUXII, Her. & Br.-Herib. p. 45-If3: (C. plac. var. C. lineata, v.)-

RUDIS, Cl. Java - Malaisie:

SALINA, Rabh. S.D.p. 27-3f3; weisse 1360p. 361-3f2; Neupauer Asatag p.

139-IfI7; R.E.D.p. 99; Italy; Brun Ali p. 32-3f26; Del. S.p. 453; Herib.

p. 43; (C. depressa) (C. pediculus, v. & Nav. ovalis, v.)----

" forma intermedia, K.-Rabh. E.D.p. 99: (C. depressa, K.)

SCUTELLIFORMIS, Grun. in Cl. Nav. Nos. 148, 174, 208, 210: -(C. Britannica.)

SCUTELLUM, E.-Inf. p. 194-14f6; Amer. pls. I-IfII; I-3fI6; 2-3fI0; Mg. pls.

7-3a, f27a, b; 12f21a-c; 15A, f56; 19f33: Nord. p. -3f4; K.B.p. 73-5f

6(3, 3); K.S.A.p. 52; R.S.D.p. 27-3f4; Cole, Essex; Westendorp, G.: Prit.

p. 369-9fI62, 163; M.D. pl. 12fI6; Heib. p. 93; Jan. & R.p. 7-4f3; Jan. Gu. p.

13; R.E.D.p. 101; R.D.Ex. Nos. 14, 15; weisse Gu. pl. IfI7; 1364p. 360-If

I7: 1360p. 359-1fI6; Schum. 1367p. 54; Mil. Sp. T. 23; Guinard p. 5; Italy;

Grun. 1363p. 12; 1373p. 5; N. & R.S.p. 70; Malaisie; Carr. p. 93; Mull; Cl.

1367p. 666: 1368p. 232; Naresp. 315; 1373p. 14; 1373p. 10; Vega pp. 459,

493, 504; 139Ip. 51; Girard Foss. p. 11; Eiben, 1371; Breb. Verm. p. 9; Sm.

Sp. T. 73; Flogel, Baltic; Fortm. Cey. p. 9; Pet. Cat. p. 13; O'M. Kerg.: Lagr.

1373p. 56; Italy: V.H.S.p. 132-29fI-3; T. 245, 246; M.T.P. 2-4-13;

Brun & T.p. 70; Perag. p. 53; Villef. p. 37; Wolle pl. 33fI2-14; 22, 23; A.

M.M.J. 1391p. IfI0; Pant. 2p. 59; Del. Syll. p. 444: S.B.D. Ip. 22-3f34;

(C. Auritica, costata, gemmata, speciosa, transversalis, Japonica, paniformis)

" var. "b" Stauroneis, S.B.D. Ip. 32-30f34b; M.J. 1353p. 24; Prit. p. 359; (wide var. Stauroneis)

" var. "g" Roper. -M.J. 1353p. 24-5f9: Cl. Nav. 2p. 170: (C. & Orthoneis binotata.) P. Cap Horn

" v. ampliata, Grun. -V.H.S. pl. 29f4, 5; Cl. Nav. 2p. 170: -(C. adumbrata)

+ Pygmaea, Cl. Nav. 2 p. 180;

> recurva, a.s., atlas 196 f 31, 32; - (C. Het.)

> Reichelii, a.s., atlas 194 f 4; Cl. Nav. 2 p. 197; (C. Het.)

> reticulata, Cl. Nav. 2 p. 180-3 f 6, 7:.

> riparia, Br. - atlas 190 f 33, 34:

> rivatis, a.s., atlas 194 f 4; Cl. Nav. 2 p. 197;

> Schleintzi, a.s., atlas 190 f 2, 5, 6; Cl. Nav. 2 p. 197;

> scutelliformis, forma minuta, Cl. - atlas 194 f 4;

+ scutellum, atlas 190 f 11, 17-21; 191 f 40-43, 54; 192 f 6-10, 33, 52;
Cl. Nav. 2 p. 170; Oestrup 1897 p. 327; (C. Het.)

> " var., a.s., atlas 190 f 29; 191 f 11; 191 f 35

" forma parva, B.H.S. pl. 29 f 8, 9: } C. aggregat. & consociata:
C. scutelliformis; C. transversa; C. ...

- v. Balajickiana, Grun.-Cblt. 1833p.324; Pant. 2p.59; Del. Syll. p.446;
(Cocconeis B.) *Cl. Nav. 2p. 171: {C. Haradae + morissii; C. Pithoi.*
- v. Brasiliensis, Grun.-Piccone, Pisani p.16; Notar. 1836p.255;
Del. Syll. p.446;
- v. distans, Lagr. 1876p.56; Grun. 1863p.10; Del. S. p.446; -(C. distans.)---
- v. Doljensis, Pant. Ip. 32-13f131; Notar. 1833p.463; Del. S. p.446; *Cl. Nav. 2p. 171:*
- v. fossilis, Pant. 2p.59; Del. S. p.446; -(C. v. major)
- v. major, Grun. 1863p.12; Del. S. p.445; (Var. Mediterr.)
- v. Mediterranea, Rabh. E.D. p.101; R. Alg. 393; Perag. p.53;
(C.M. & Adriatica.)---- *Petit, Cap Horn*
- v. minuta, Grun. 1863p.12; Del. Syll. p.445; *Atlas 193 f 21-23:*
(C. aggregata, consociata, nigricans.)-
- v. minutissima, Grun. 1834p.3-1f1; V. i. S. pl. 29f12; *Cl. Nav. 2p. 170:*
- v. orbicularis, Breb. Verm. p.9:
- v. ornata, Grun. 1863p.12; M.T.P. 2-4-14; V. i. S. pl. 29f3, 7; *Oest. 97p.327:*
Villef. p.37; Brun & T. p.70; Del. S. p.445; *Atlas 190 f 28:*
(C. Peruviana; -Raphoneis marginata.)-- *Cl. Nav. 2p. 170:*
- v. punctata, Lobarzewski. -Rabh. E.D. p.101; (Cocconeis p.)-
- v. stauroneiformis, *W. S. p. 1853* -M. J. 1853p.1.3f16; Grun. 1863p.12; R. E. D. p.
101; Cl. Nares; Vega p.460; V. i. S. pl. 29f10, II; Perag. p.53; Italy;
Grun. 1834p.3; Villef. p.37; Del. S. p.445; *Cl. Nav. 2p. 170:* + (Var. "b".)---
- SCUTUM, E. -*Mik. p. 2:* --- : Prit. p.372:
- SENEGALENSIS, Breb. Mss.; A. J. M. 1877p.102; Del. S. p.464;
- SEPTENTRIONALIS, Grun. 1834p.3-1f2; *Cl. Nav. 2p. 174:*
- SERIANUS, Grun. -Cl. & M. 257; Del. S. p.465;
- SIGMA, Pant. Ip. 32-3f63; Brun & T. p.70; Notar. 1833p.464;
Del. Syll. p.467; *Atlas 196 f 11:* - (C. disrupta, var. ?)
- v. sparsi-punctata, Brun & T. p.70;
- SIGMOIDEA, Schum. 1867p.54-1f14; Del. S. p.456; -(C. pediculus.)
- + SIGMO-RADIATA, Brun & T. p.33-3f4; Del. Syll. p.446; *Atlas 198 f 10, 113 + 196 f 11;*
- SD, E. ??
- SPARSI-RADIATA, Brun, 1891p.13-13f3; -(C. disrupta, var. ?)
- SPECIOSA, Greg. -M. J. 1855p.38-4f3; S. B. D. 2p.102;
Prit. p.369; *Atlas 190 f 35:* (C. scutellum.)
- var., Herib. p.46-3f3;
- SPLENDIDA, Greg. D.C. p.21-1f29; Prit. p.370; Carr. p.93; Malaisie;
R. E. D. p.102; Italy; Brun & T. p.70; *Petit, Cap Horn:*
(C. punctatissima; -Mastogloia cribrosa; -Orthoneis.)
- v. crucifera, Brun & T. p.70;
- v. lucida, Brun & T. p.70;
- STELLA, E. -Mik. p.273; Del. Syll. p.464;
- STELLATA, E. -Mik. p.26; Del. Syll. p.463;
- STRIATA, E. -Amer. fl. 3-1f20; Mg. fls. 5-2f22; 13-2f16; 14f41; 15A, f55;
15B, f16; 34-5b, f4; 35A-2f3; Nola. p. -3f3; K. B. p. 73-29f31; K. S. A. p.
52; R. S. D. p. 27-3f12; Prit. p.369; Carr. p.93; Ebert, Cassel; Hoffmann,
Marburg; Wo le pl. 33f26; Del. S. p.442;
- STRIOLATA, Rabh. S. D. p. 23-10f3; Prit. p.366; R. E. D. p.99; Gallia, Papan;
Haw. Vol. 5p.100; (C. placentula.)----
- SUBARCUATA, E. -Abh. Ber. 1853p.593; Del. S. p.464;

- SULCATA, Bailey & Harvey p.175-9f5; Prit.p.370; R.E.D.p.105; Wollé,
pl.5f12; Det.Syll.p.434;
SUPERBA, Janisch G.p.13-2f3; Det.S.p.465: *Atlas 193f9-11*; -(Raphoneis.)
SURIHELLOIDES, Grun.1333p.93-12, f27, 28; Det.S.p.443: *Grevillea Vol. 1p. 93-6f11, 12*
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TENERA, Schum.1367p.54-1f15; Det.S.p.451; (*C. pediculus*)
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97; Herib.p.43; Det.Syll.p.432;
" var. cineta, Rabh.E.D.p.99: *K.S.A.p.890*;
" v. laevis, Rabh.E.D.p.99: *K.S.A.p.890*;
" v. striata, Rabh.E.D.p.99: *K.S.A.p.890*;
TAWITESII, S.B.D.1p.21-3f33; Schum.1364p.19; Cl.1333p.232; Hall;
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" var. "b" *atolia*, Lagr.1373p.41-2f16; - (*Cocconeis* " ") p.87
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TURGIDA, E.-Mik.p.49; Det.S.p.464;
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Grun. v.)
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" forma minor, Det.Syll.p.443;

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- , A.J.S.1342p.7-3f10, II: *Le D. vol. 2. no. 21p. 172-11f 1-6,*
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--, Pfitzer p.79: --, Tanarek 1379p.42;
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AFFINE, K.S.A.p.59; R.S.D.p.24; Desmaz. I, No. 1431; 2, No. 1061;
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ARCTICUM, Lagr.-Cl. & M.159; Atlas 71f23-25; (Cymbella.)
ARCUS, E.-Amer.p.123; Mg.pls. I-1f7; 2-2f22; 3-1f31; 11f34; 12f33;
13-2f23; 14f35; 15A, f93; 16-3f40; 17-1f43; K.B.p.31; K.S.A.p.30; R.
S.D.p.24; Prit.p.373; Carr.p.100; R.E.D.p.35; Nylander, W.: Atlas
10f5; Det.Syll.p.367;

+ sinuoloboides (C. Van Heurnckii).

> tenella, a. s., atlas 196 f 38: - (C. Het.)

> tatarae, Br. - Les. vol. 2, no. 16 p. 75-6 f 5: (Camp. argus, var.)

> transversa, a. s., atlas 196 f 39: - [C. Het.]

> trinotata, a. s. - atlas 198 f 7:

> VanHeurnckii, Cl. Nav. 2 p. 173: - (C. sinuoloboides)

> verrucosa, a. s., atlas 194 f 14: Br. H. p. 18-18 f 7: - (C. vitrea)

> vetusta, a. s., atlas 196 f 8: Cl. Nav. 2 p. 173:

> vitrea, var. verrucosa, Br. - Japon pl. 8 f 9:

> voluta, Br. - atlas 196 f 25, 26: Cl. Nav. 2 p. 177: - (C. sinuoloboides)

> " var. singularis, a. s., atlas 196 f 19:

- ASPERUM, E.-Abh.Ber.I339p.206; I340p.I2; I370pl.2f2; Mg.pls.2-2f2I;
3-3fI4; 4-2f33; 5-IfI; 5-3f27; 5-If30; 5-2f2I; 9-If42; I0-2fI9; I6-2fI4f8I; I6-3f39; I9f57; K.B.p.3I; K.S.A.p.3I; Prit.p.377; R.E.D.p.
35; Schum.H.T.p.64; Nylander, w.: Petit & Lead.: Wolle pl.34fI4;
Belloe, Lichon: J.M., March 1878, f3; (Cymbella 1C.fossile.)--
- AUSTRALICUM, A.S. Atlas IOf34, 35; Cl. & M. 295; Det. S. p. 333: -(Cymbella).
- BICEPS, E.-Abh.Ber.I345p.362; K.S.A.p.30; Prit.p.373; Det. S. p. 337;
- BOLCKII, E.-Inf.p.224-I9f5; K.B.p.3f-3f5; K.S.A.p.30; Dickett A.C.
pl.I2f7; Prit.p.377-7f43; Carr.p.I00; Atlas IOfII; Danf.p.3I;
(Brebissonia; -Cymbella; -Doryphora; -Gomphonema lanceolatum, Ag.: -
Navicula.)----
- BOTELLUM, Lagr.-Cl. & M. No. 59: (Cymbella variabilis, v.)-
- BREBII, Nag. -K.S.A.p.300; R.S.D.p.23; Prit.p.373: -(C. lanceolatum.)---
- CINGULATUM, E.-Abh.Ber.I343p.45; Prit.p.373; Det. S. p. 333:
- + CISTULA, Hemprich, I323; E. Inf. p. 224-I9f7; Mg. pls. 7-3a, f34; 7-3b, fI3;
7-4fI; K.B.p.30-3fI; K.S.A.p.59; Mass. Alg. p. 426-IOfI3; A.M.N. i. I347,
p. 344-22(e)fI, 2; R.S.D. p. 24-7f4; S.B.D. p. 73-pls. 23, 24f22I; Front.:
R. Alg. No. I243; Prit. p. 373-IOfI96-I93; Weisse I330p. 353-IfI4; Cole,
Essex; Borsow pl. IfI; Bleisch, I363; Schum. H.T. p. 35; Carr. p. I00; R.
E.D. p. 34; Roper, Thames; Mull: Nylander, w.: Bot. Zeit. I372p. II4; Pet.
& Lead.: Class. fI3; Socotra; M.T. P. 2-4-2; T.M.S. I377pl. I37fI3; Cl.
& M. 3I; Kinnora; Atlas IOfI-4, 24-26; 72fI5-I7; Pet. I333pl. 4f22;
Hoffmann, Marburg; Perap. p. 55; Bull. Soc. Franc. p. 43, pl. :
(Bacillaria; -Cymbella c., reniformis & variabilis; -Frustulia fulva &
macilata; -Gomphonema simplex & semiellipticum.)--
" var., A.S., Atlas 70f20:
" v. macilata, K.-Atlas 7If2I, 22; Grun. I334p. 45-If3: -(C. & Cymbella m.)
" v. Sibirica, Grun.-Cl. I330p. 25-IfII; -(Cymbella c. var. S.)
- CORNUTUM, E., Amer. p. I24; Mg. pls. 5-2f3; 5-3f23; I4f30; I5A, f94; 39-
2fI2; K.B.p.3I; K.S.A.p.30; R.S.D. p. 24; A.J.S. I35I, fI6, I7; Q.J.M.S.
I353p. 3-IfII; Prit. p. 373; Carr. p. I00; Mull: E. Norp. p. -2f49;
(C. lanceolatum, var.: Cymbella cistula.)
- CRETAE, E.-Kreid. I333p. 73; K.B.p.3I: (Eunotia.)-
- CYMBIFORME, E.-Inf. p. 225-I9f3; Amer. pls. 3-If33; 4-If37; Mg. pls. 2-2f
23; 2-3f23; 3-IfI3; 3-2fI7; 4-If24; 4-2f32; 4-3f25; 5-2f4; 5-3f29;
7-If23; 3-If3; 9-If43; I2f32; I3-If24; I3-2f26; I3-If43; I7-If49;
Abh. Ber. I370pl. 2-If30; Nord. p. -2f50, 5I; K.B.p.3I-3fI2; K.S.A.p.59;
Alg. No. I433; Mull; R.S.D. p. 23-7fI; Mass. Alg. p. 4I3-IOfI2; Marissal;
S.B.D. p. 73-23f220; Weisse I330p. 353-IfI3; I334p. 360-IfI3; Braemar;
Prit. p. 373-I2f43; R.D. Ex. 20; R.E.D. p. 33, f22a; Carr. p. I00; Schum. H.T.
II. 42, 35; R. Bac. Ex. No. I5; Roper, Thames; Mull; Prollius pl. 53, I02-2f
4, I5; Nylander, w.: Atlas 9f73-79; IOfI3, 27a; Petit & Lead.; liste p. 3
I3; Class. fI3; Pet. I333; Italy; Socotra; T.M.S. I377pl. I37fI3; Sm. Sp.
T. 30; Kinnora; Italy; Belloe, Lichon; Delogne; Spamer, Duren; Ebert,
Cassel; Hoffmann, Marburg; Q.J.M.S. I372p. 422; Malaisie;
(C. parvum; -Cymbella c., lineata, variabilis; -Cymbophora fulva; -
Frust. gastroides & c.: -Gomphonema simplex.)-
- DIANA, E., Abh. Ber. I342p. 333; Mg. pls. I5A, fI00a; (Cymbella.)

Asperu - 1105-2-11

cistula, Bot. Cl't. 1886 p. 3: Ab. 13, 1105 p. 130: 70 p. 38-20/5:

cymbifera, Ab. 13 1105 p. 130:

Gibbium. E. - Mik. 13-1525:

Kamtschaticum. - (Cymb. Mexicana.) -

- ELECTRI, Schum. 1862p. 182-3f25: 8x
 EURYPTERUM, E.-Mik. 1353p. 69; Det. Syll. p. 366;
 EXCISUM, K.-Sm. Sp. 1. 81: (Cymbella.)---
 FABA, E.-Abh. Ber. 1375p. 133; Det. S. p. 366;
 FOSSILE, E.-Mik. pl. 19f57; Prit. p. 377; Det. S. p. 366: (C. asperum.)---
 FRUSTIDIUM, E.-Inf. p. 223; Amer. pls. 2-2f21; 2-1f35; Mg. pls. 5-2f2; 6-1f32; 8-1f7; 9-1f44; 11f33; 14f33; 15A, f97a-c; 16-1f42; 17-1f43; 17-2f34; 35A-3f3; 39-3f14; Weisse 1351p. 247-1f9; Prit. p. 377: Italy: (C. gibbum: -Cymbella affinis & f.)
 Carp. 1381p. 363, f192;
 GASTROIDES, Ebert, Cassel: (Cymbella.)
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 (C. (Cymbella & Frustilia) ventricosa; -C. Saxonicum: -Eimotia sphaerula; -Frust. inflata.)---
 " var. "b", K. B. p. 30; Prit. p. 373: (Cymbella & Frust. Orsiniana.)-
 " v. Graeca, Rabh. n. D. p. 35: (C. Graecum.)---
 " v. nana, Hntz. -R. E. D. p. 35; R. Alg. No. 1321: (C. nana.)-
 GLOEONEMA, Lagr. -Cl. & M. 59; Det. S. p. 363;
 GRACILE, E.-Amer. pl. 4-2f10; Mg. pls. 5-3f30; 7-3a, f33; 13-1f24; 13-2f23; 15A, f95, 100b; 17f49a, b; 17-2f33; 39-3f15; Nord. p. -2f47; (C. Hungaricum: -Cymbella; -Encyonema.)---
 GRAECUM, E.-Abh. Ber. 1340p. 12; K. B. p. 31; K. S. A. p. 60; Prit. p. 373; Det. Syll. p. 363: (C. globum, v.)--
 HELVETICUM, K.-Atlas 71f19; Cl. 1330p. 23; Kinnord: (Cymbella, cf K.)-
 HUNGARICUM, Grun.-Atlas 9f33; 10f16, 17; 70f37, 38; Det. Syll. p. 363: Gallik, Papan: (C. parvum, p. 1.)
 JAMISCHII, A. S., Atlas 10f34, 35; 71f31; Wolle pl. 3f5: - (Cymbella)
 KAMTSCHATICUM, Grun. -Cl. & M. 30; A. J. M. 1373p. 103; 1377p. 151: - (Cymbella)
 LAEVE, Naegeli. -Atlas 10f23: (Cymbella.)---
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 (C. Bremii & cymbiforme; -Cymbella c. & variabilis; -Gomphonema.)---

+ parvum, L.S. vol. 2, no. 21 p. 172-10 of 1, 2, 4, 6-13; C.C. M. # 35;

- var., H.L.Sm.Sp.T.No.34;
 var."g", A.S.,Atlas IOFI; Petit liste p.13;
 v.Boeckii, E.-R.E.D.p.33; Perag.p.55: (Doryphora; -Navicula.)--
 v.cornuta, E.-Rabh.E.D.p.33: (C.cornutum.)--
- LEPTOCERAS, E.-Amer.pls.I-2f30; 2-If33; Mg.pls.2-3f27,35; 3-3f15;
 3-4f27; 3-2f20; 3-2f13; 9-If45; 12f31; 13-If23; 13-2f24; 13-If41;
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 p. 2f43; (Cymbella.)----
- var., E.,Abh.Ber.I34Ip.10:
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 10-2f17; 13-2f25; 14f36; 15A,f99; 15B,f37,33; 16-3f41; 19f53; 33-5f3;
 33-7f3; 39-3f13; Abh.Ber.I369pls.1a,f13; 1g,f10; 1" L" f14; 1370pl.3-
 If19; 1371pl.1b,f31; A.J.S.I351,f13; Schum.H.T.pp.46,65; I362p. -
 9f25; (C.eistulum; -Cymbella l. & macilata.)----
- MACULATUM, K.-Atlas IOf3; Grun.I334p.45-If3; Ebert, Cassel:
 (C.eistulum; -Cymbella m. & eistula.)----
- MEXICANUM, E.-Abh.Ber.I344p.342; I369pls.2-If1; 1a,f5; K.S.A.p.60;
 R.S.D.p.24; Mik.pl.33-7f3,7; Prit.p.373; R.E.D.p.35; Cl. & M.No.97;
 Atlas IOf32,33; 7If32; Wollé pl.3f4; Det.S.p.367:
 NANUM, Mantsch.-Atlas 7If27; Det.S.p.363; R. Alg. Eur. #13212.
 (C.gibbum, v.; -Cymbella affinis, v.)
- NAVICULA, E.-Mik.pl.17-2f35: (Cymbella.)---
- + PARVUM, S.B.D.Ip.76pls.23,24f222; Mull: Prit.p.373-7f47; Italy: R.E.
 D.p.35; Carr.p.100; Mull: Schum.H.T.p.65; Roper, Thames; Sm.Sp.T.35:
 Atlas IOf14,15; A.J.M.I373p.103; Petit & Leud.; Kinnora; Dannf.p.21;
 Grun.I334p.45-If9; A.M.S.I366pl.If4; Delogne; Perag.p.55; Wollé pl.
 3f3,9; -(C.hungaricum, pachycephala & cymbiforme, v.; -Cymbella.)---
- var., Cl. & M.No.35;
 SAXONICUM, Rabh.S.D.p.24-IOf11; Prit.p.373: (C.gibbum.)
 SCOTICUM, Brun.-M.T.P.3-2-13: (Cymbella.)-
- STOMATOPHORUM, Grun.-Cl.I330p.26; Cl. & M.36; M.T.P.2-4-21; A.G.M.
 I377p.151: (Cymbella s. & tumida.)
- var.borealis, Grun.-Cl.I330p.26:
 v.fossilis, Grun.-Cl.I330p.26:
 v.genuina, Grun.-Cl.I330p.26:
 var.gibba, Grun.-Cl.I330p.26:
- STUXBERGII, Cl.I330p.13-If10:
 SUBTILE, E.-Mik.p.103; Det.Syll.p.363:
 TUMIDUM, Breb.-K.S.A.p.60; R.S.D.p.24; Westendorp, G.: Marissal; Prit.
 p.373; Grun.I333p.16; R.E.D.p.34; Nylander, W.: Bellée, Lichon;
 Perag.p.55: (Cymbella.)
- v.pachycephala, Rabh.Alg.I107: R.E.D.p.34;
 UNCINATUM, E.-Abh.Ber.I370p.53, pl.2-If23; Det.Syll.p.367;
 UTRICULUS, Beitr.I332p.39; Det.Syll.p.363:
 VARIABILE, Rabh.Alg.Eur.No.I243; >cramer.- (Cymbella.)-
 VENTRICOSUM, Hassall Alg.p.427-IOIf4: (C.gibbum.)----

+ armillaris, Treber + Mohr. Archiv. Vol. 1 p. 139:

> attenuata, Mart. - (Frag. pect., Ag.) -

> clandestina, Bory, Mem. Mus. - (Frag. pect.) - vide Ag. Syst. sub 7. pect.

> dissiliens, Eng. Bot. pl. 2464: - (Diatoma Smayda)

> inflexa, Roth. - Ag. consp. 65: - (Mel. monil.)

glauca, Dill. pl. 288 "C." -

- , Pfitzer p. 50: ---, Tanarek 1379p. 33;
 AMERICANUM, K.S.A.p. 105; Prit. p. 927; Det. Syll. p. 273: (Nannema.) -
 AMPHIOXYS, K.S.A.p. 105; Prit. p. 927-12f55-57; Det. S.p. 273: -(Nannema.) -
 BULLOSUM, Flor.-Mazz. p. 1-1f1-5; Det. Syll. p. 273:
 DUBIUM, Grun. 1330p. 571-5f15; Hedw. Vol. 7, p. 7; Det. S.p. 273:
 EXILE, Grun. 1330p. 571-5f15; Hedw. Vol. 7, p. 7; Det. S.p. 273:
 EXIMIUM, Thwaites. --- K.S.A.p. 391; R.S.D.p. 51;
 S.B.D. 2p. 69-56f330; Prit. p. 926-3f43; Grun. 1330p. 573; Carr. p. 115;
 Hall; O'M.I.D.p. 330; Sm. Sp. 1. 36; N. & R.S.p. 71:
 (Encyonema & Gloionema sigmoidum: -Endosigma; -Schizonema; -
 Pleurosigma acuminatum, e., & obtusatum: *Gyrosigma*;
 HIBERNICUM, O'M.-M.J. 1373p. 417; Just's Jahresb. Zeit. 1373p. 371;
 Det. Syll. p. 273:
 LACUSTRE, K.S.A.p. 105; R.S.D.p. 51; Prit. p. 926; V. I.S.p. III: 1. No.
 155; Lake Michigan; Det. S.p. 275:
 (C. subcohaerens; -Encyonema Ungeri; -Schizonema: *Cymbella*;
 NEGLECTUM, Thw. --- S.B.D. 2p. 70-56f352;
 Prit. p. 926-3f47; Grun. 1332p. 572-5f17; New Zealand; Carr. p. 115; Sm.
 Sp. 1. 37; Hall: O'M.I.D.p. 331-29f15: -(*Char. gracilis* - (Schizonema.) -
 SUBCOHAERENS, Thw. --- S.B.D. 2p. 70-56f353; Prit. p.
 926; Carr. p. 115; Grun. 1330p. 572; M.T.P. 3-4-21: Cl. & V. No. 103; Sm. Sp.
 1. 323; Darnf. p. 31: Wille 1. 63f15, 19: (C. lacustre: -Schizonema.)
 SUBEXILE, --- (Schizonema.) -
 SULLIVANTII, H.L. Sm. -T.M.S. 1330p. 35: (C. viridulum.) -
 THWAITESII, W.S. -Grun., in V. I.S. - (Schizonema.) -
 VIRIDULUM, Breb. -K.S.A.p. 105; R.S.D.p. 51; Rab. Alg. No. 323; Prit. p. 926;
 Bleisch, 1833; R.E.D.p. 255, f33; Prollins p. 67; Sm. Sp. 1. 33: A.S. 1.
 1377p. 102: (C. Sullivantia; -Nav. rhomboides *VanHaeckia*.) -
 VULGARE, Thw. --- S.B.D. 2p. 70-56f351; Prit. p.
 926; Grun. 1330p. 572: 1335p. 12-2f15; New Zealand; Carr. p. 115; Hall:
 Sm. Sp. 1. 39; O'M.I.D.p. 331; Tanarek 1379p. 33, f13A: M.T.P. 3-3-10:
 Wille 1. 12f33: *vulgaris*:-
 (Frustulia Saxonica; -Nav. vulgare & apolina; -Schiz.: -VanHaeckia.) -

CONSERVA. ----- (Muller, 1783.) -

- ARANEOSA, Mohr. - (Schizonema.) -
 ARMERILLIS, Muller, Nova Acta Holm. 1818 p. 34-3f6, 7: -(*Achna t. longicauda*)
 BIDDULPHIANA, English Bot. taf. 1732; Dillwyn p. 52: J.Q.C. 1333p. 3:
 (Biddulphia quinque-loc.: -Diatoma.) -
 BRONCHIALIS, Roth, Cat., Vol. 1p. 136; Flor. Germ. Vol. 3p. 520, No. 53;
 J.Q.C. 1333p. 3: *Brag. & Bacillaria & Miraculum pectinalis*.) -
 COMOIDES, English Bot. taf. 1700: Dillwyn pl. 27: (Schizonema. *C. -*
 FASCIATA, Dillwyn pl. "B": J.Q.C. 1333p. 4-3f5;
 (Lysigonium & Melosira varians.) -
 FLOCCULOSA, Dillwyn Conf. pl. 23f "B, C, D": *Flora* taf. 1497f1: Roth,
 Cat. Vol. 1p. 192-5f6; Flora Germ. Vol. 3p. 523; J.Q.C. 1333p. 4-3f2: +
 (Bacillaria pectinalis; -Diatoma; -Tabellaria.) -
 FOETICA, Dillwyn Conf. pl. 104; Surg. Alg. Exs. Dec. VII, No. 3: J.Q.C. 1333p.
 3: -(Berkeleya & Schiz. rutilans; -Berk. & Monema Dillwyni; -Ulva.) -

> lucens, Thore. :- {Frag. pect. of aq. Syst.}

moniliformis, Robert Mohr Arch. p. 1-5 f 5.

nummuloides, of Diet. = Mel. discyera :-
" Fr. B. = " nummul. -

> rhomboidalis, Bory de Sauss. Mem. Mus. :- (Diat. flocculosa.)

rutilans, Trentepohl in Roth Catalog, vol. 3 p. 179 :- (Amphipleura)
Jung. A. Ex. Dec. 1, No. 3: (Schiz. rutil.)

- FRAGILIS, Roth, Cat. Vol. 2p. 204; *Ag. Syst. p. 68*; (Melosira.)
 HYEMALIS, Roth Cat. Vol. 2p. 205; Dillwyn Suppl.: Ag. Syst. p. 36: Disp.
 p. 28; Synop. p. 73: (Lysigonium & Melosira varians.)---
 INFLEXA, Roth, Cat. *Vide Melosira m.* --- (Melosira *moniliformis*.
 LINEATA, Jurg. Alg. Exs. No. 70: Dillwyn Suppl. pl. "B": Lyngbye Tent. pl.
 33f "B": J. Q. C. 1833p. 4-3f4:
 (Lysigonium & Mel. Jurgensii; -Melosira subflexilis; -Lysig. moniliforme)
 MONILIFORMIS, Muller. -Nov. Act. Holm. p. 30-3f1-5; Jurg. Alg. Exs. No. 7: Ag.
 Fl. Danm. pl. 1543f1: -(Lysigonium; -Melosira m. & nummuloides.)-
 NUMMULOIDES, Dillwyn Conf. p. 43, taf. 15; Engl. Bot. taf. 2267; Ag. Fl. Danm.
 taf. 1543f1; J. Q. C. 1833p. 4-3f5; -(Lysigonium moniliforme; -Melosira.)---
 OBLIQUATA, ^{*oileum*} Bory Encycl.: Engl. Bot. taf. 1839; J. Q. C. 1833p. 3:
 (Diatoma & Grammatophora marina; -Isthmia o. & nervosa.)---
 ORICHALCEA, Mertens. -Jurgens Algae exsic. 1022; Ag. Syst. p. 35: -(Mel.)--
 PECTINALIS, Dillwyn Conf. taf. 24; Muller, Nov. Act. Holm. p. 91: Acta Petropol.
 p. 3-1f4; Engl. Bot. taf. 1811; Grossbritt Conf. Weber & Mohl, p. 47 taf.
 24, 28, Heft 3: J. Q. C. 1833p. 2-3f1:
 (Bacillaria; -Himantidium; -Eunotia; -Fragilaria)
 PENNULATA, Muller Encyclop. pl. 19f5: (Synedra.)---
 STIPITATA, Engl. Bot. taf. 2433: *K. Syn. p. 4*: - (Achnanthes longipes.)-
 STRIATULA, Engl. Bot. taf. 1923; J. Q. C. 1833p. 1: -(Rhabdonema arcuatum.)---
 SUBDIVISA, Engl. Bot. taf. 1923: Ag. Cons. p. 22: Roth, Cat. Vol. 3p. 287:
 TAENIAEFORMIS, Ag. Cons. p. 54; Engl. Bot. taf. 1833; J. Q. C. 1833p. 3 (Diatoma *ten.*)
Jurg. Alg. Exs. Dec. 6, No. 8: = Diat. marimum.

CORETHRON.-----(*Castr.*, 1887.)-

- , Castr. 1837p. 36-15f7; 21f6;
 COMETA, Bran, 1891p. 20-21f10: Det. Syll. p. 1007:
 CRIOPHILUM, Castr. 1837p. 35-21f14; Notar. 1839p. 749; Det. S. p. 1006:
 ' var., Castr. 1837p. 35-21f12, 15;
 ASPIDUM, Castr. 1837p. 35-21f3, 5; Notar. 1839p. 750; Det. S. p. 1006;
 (Actiniscus pennatus.)--
 MURRAYANUM, Castr. 1837p. 36-21f4; Notar. 1839p. 750: Det. S. p. 1006;
 PELAGICUM, Bran, 1891p. 26-19f6; Det. Syll. p. 1006:

CORINNA.-----(*Heib.*, 1862.)-

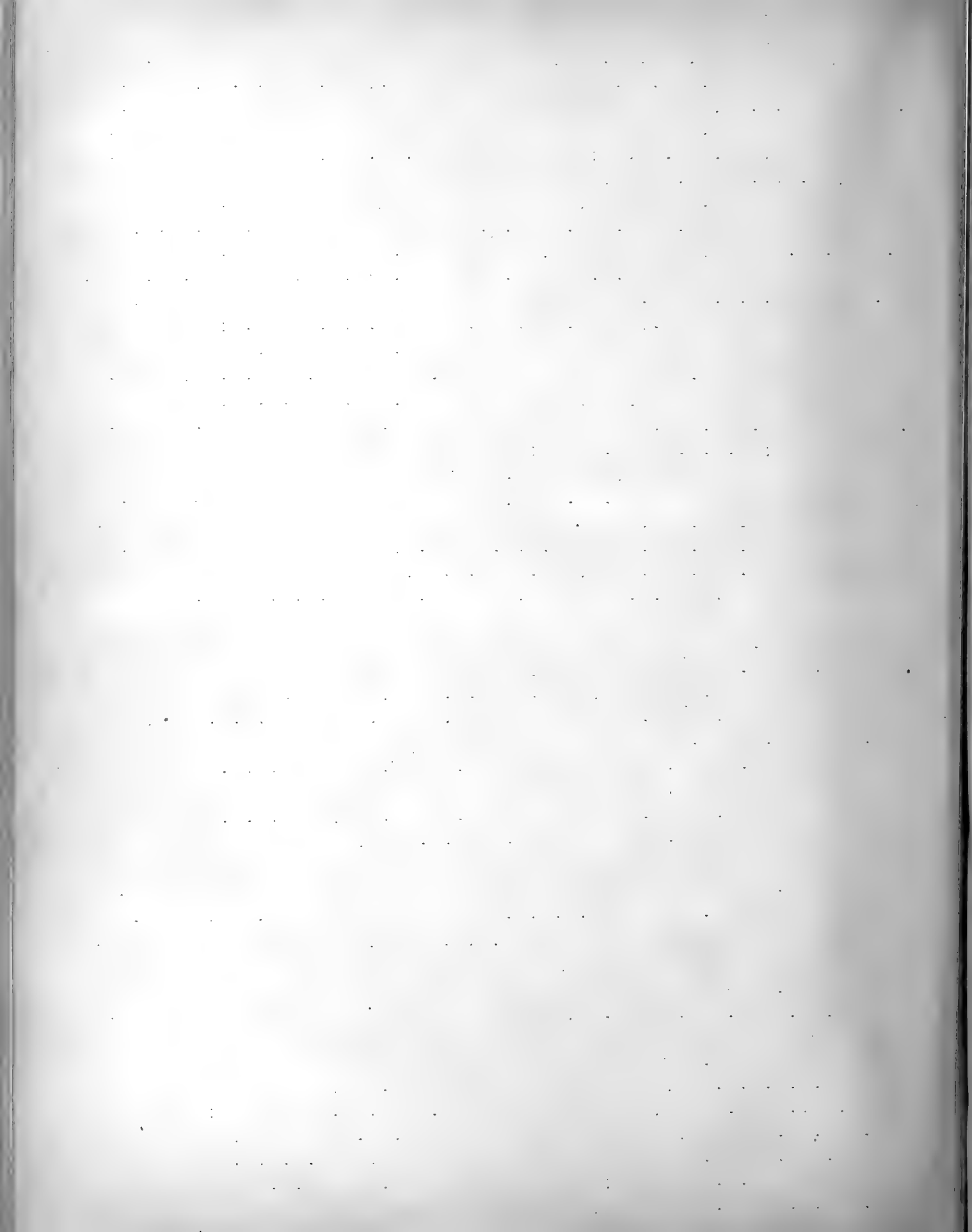
- ELEGANS, Heiberg p. 53-3f3; R. E. D. p. 314; London Clay; J. Q. C. 1870p. 102-
 3f1-5; Atlas 143f54, 55; 144f2, 4; M. T. P. 4-3-3: (Hemiallis.)-

CORONIA.-----(*Ehr.*, 1841.)-

- ECHENEIS, E. -Abh. Ber. 1841p. 11: (Campylodiscus.)--

COSCINODISCUS.-(*Ehr.*, 1838.)-

- , Meneg. A. N. D. p. 473: Pfitzer 1. 127:
 --, LeD. No. 15, pl. 4f1-6: --, E. Mik. pl. 33A-3f101:
 --, E. Mik. pl. 39-3f20: --, Pant. 21. -2f344:
 --, Amer. Nat. 1863p. 510-13f24; --, A. Schm. N. D. p. -3f42;
 --, Girard Foss. p. 9-2f6, 22: --, Perag. Villef. p. 77-2f14;
 --, J. R. M. S. 1890p. 426-7f1, 2:



----- J.R.M.S. 1890 p. 425-191.

- , E., Abh. Ber. 1370 p. 1^b, f20---C. *canarius*, var. ---, Atlas 148 f4, 9:
 --, Witt 1338 p. 14-2 f23: ---, Atlas 57 f1-(C. *dimorphus*.)
 --, Atlas 57 f2--C. *insularis*: ---, Atlas 57 f3-C. *canarius*, v. *canari.*
 --, Atlas 57 f33, 45: ---, Atlas 53 f12, 44:
 --, Atlas 59 f4, II: ---, Atlas 59 f9--C. *minor*.
 --, Atlas 52 f1, 2, 9: ---, Atlas 55 f17--C. *heteromorphus*.
 --, Atlas 55 f13--C. *aphrastus*. ---, Atlas 133 f3, 10, 14, 17-19:
ACTINOCHILUS, ~~187~~ Abh. Ber. 1344, .200: Mik. pl. 35A-2 f15; K.S.A. p. 123;
 Rattray Review Cosc. p. 574; *Phil. p. 82a* (Craspedodiscus.)---
ACTINOCYCLOIDES, Pant. 1 p. 71-9 f172; 2, p. 113: (C. *Rothii*, var.)-
ACTINOCYCLUS, E.-Mik. p. 123; Abh. Ber. 1372 p. 231: Rattr. Rev. p. 500;
 Det. Syll. p. 1306:
ACTINOPIYCLUS, A.M. Edwards. (A' *cyclis*. *binonarius*.)---
ACTINOSUS, Grove Mss.; Rattr. Rev. p. 506-2 f7; Det. S. p. 1240;
ALGINESIS, A.S., Atlas 113 f13, 14; Rattr. Rev. p. 489: Det. S. p. 1223:
AETHES, Rattray, Rev. p. 569-2 f3: Det. S. p. 1232;
AFRICANUS, Jan.-Gaz. pl. 3 f2; Atlas 59 f24, 25; Cl. Vega p. 474; Rattr.
 Rev. p. 534; Det. S. p. 1253;
 v. *Wallichiana*, Grun.-Rattr. Rev. p. 534-2 f4; Cl. & M. Nos. 133, 207;
 Det. Syll. p. 1253:-(C. *Af.*, var. *rotunda*.)
 v. *rotunda*, Castr. 1337 p. 159-24 f3: (Var. *Wallich.*)
AGAPETOS, Rattr. Rev. p. 573; Atlas 113 f13; Det. S. p. 1233:-(C. *nitidulus*, v.
AMPLIUS, E.-Abh. Ber. 1372 p. 202; Rattr. Rev. p. 506; Det. S. p. 1306;
ANASTOMOSANS, Grun. 1334 p. 23; Rattr. Rev. p. 455: Det. Syll. p. 1204;
 (C. *oculis-iridis*, *abnormalis*.)
ANASTOMOSANS, Pant. 3 p. -2 f4 II: Det. S. p. 1305;
ANGULATUS, Grev.-1. M.S. 1364 p. 9-2 fII; Girard Boss. pp. 9, 14-1 f9; pl. 4;
 Atlas 57 f32; Grun. 1334 p. 31; J.Q.C. 1337 p. 39; Rattr. Rev. p. 501:
 Det. Syll. p. 1236:
ANGUSTE-LINEATUS, Jan., Gaz. pl. 3 f3; Atlas 59 f34; Rattr. Rev. p. 474;
 Det. Syll. p. 1213: *Fest. 1877, p. 344*: (C. *lineatus*, v. *tenuis*.)---
ANNULATUS, Grun. 1334 p. 22-5 f57; Rattr. Rev. p. 562; Det. S. p. 1277:
ANTARCTICUS, Grun. 1334 p. 32-4 f23; Atlas 59 f13, 19; Rattr. Rev. p. 500:
 Det. Syll. p. 1241: (C. *subglobosus*, var. *Ant.*)-
ANTARCTICUS, Castr. 1337 p. 157-12 f10; Notar. 1339 p. 750;
 Det. Syll. p. 1203: (C. *impolitus*.)---
ANTEILUVIANUS, Rattr. Rev. p. 433; Det. Syll. p. 1205;
ANTIIMOS, Cl. & M. 257; Rattr. Rev. p. 431-2 fII: Det. S. p. 1209:
ANTIQUUS, Grun. 1334 p. 32-4 f24; Rattr. Rev. p. 454; Det. S. p. 1209:
 (C. *concavus*, p. 1.)--
APAGES, Rattr. Rev. p. 575; Det. S. p. 1236:-(C. *oidiscus* *notabilis*, Grev.
APRRASTOS, A.S., Atlas 55 f16; Rattr. Rev. p. 450; Det. S. p. 1215;
APICULATUS, E.-~~187~~ Abh. Ber. 1344, .23; Mg. pl. 13 f43; K.S.A. p. 123; Rad. Alg.
 Eur. 2484; Prit. p. 329; Atlas 54 f5-10; Cl. & M. 134, 215; Grun. 1334 p. 23;
 Pant. 1 p. 70-15 f129; 2, p. 117: Rattr. Rev. p. 570; Wille pls. 33 f9; 94 f13;
 Det. S. p. 1232: (C. *oidiscus*?)---

+ asteromphalus, Trans. Middlesex Club N.H.S. 1889, pl. 1 f 2:

- * *V. ambigua*, Grun. I334p.25:-(*C. apiculat.* v. *woodwardii*
 * *v. maxima*, Grun. I334p.24; Rattr. Rev. p.571; Det. Syll. p. I233:
 * *v. woodwardii*, Eul.-Rattr. Rev. p.571:-(Det. S. p. I233: -(
 (*C. perforatus*, p. p.: -*C. woodwardii*, Eul.: -*C. apiculat.*, v. *ambigua*.))--
 APICULIFER, Rattr. Rev. p.591; Det. S. p. I297: (*C. armatus*, Pant.)---
 APOLLINIS, E.-Abh. Ber. I344p.200; Mg. pl. 35A-22f4; V. S. A. p. I24; Prit.
 p.329; Rattr. Rev. p.573; Det. S. p. I239: (*C. scintillans*, p. p.)
 * *v. compacta*, Rattr. Rev. p.579; Det. S. p. I239: (*C. scintillans*, p. p.)
 ARAURENSIS, O.M.-O. J. M. S. I377p.433; Rattr. Rev. p.501: (*C. Janischii*, v.)
 * *var.*, Castr. I337p. I53-2f2; Det. S. p. I304:-(*C. Janischii*, p. p.)
 ARGUS, E.-Abh. Ber. I333p. I54; I344p.79; Mg. pls. 2If2: 22f5, 3: V. i. d.
 I340p.65; A. J. S. I342p.95; K. Q. p. I31; K. S. A. p. I23; Prit. p.330; R. E. C.
 p.34; Eiben, I371: Italy: Atlas 3If13; II3f7: Grun. I334p.20; J. Q. C.
 I335p.175; Atlantic City; Rattr. Rev. p.527; Pant. 2p. II7: A. M. N. J. I391,
 pl. 2f4I; Det. S. p. I255:
 (*C. irradiatus* & *radiatus*; -*C. woodwardii*, A. S.)-*C. heteroporus*.)---
 * *v. subtruncens*, Rattr. Rev. p.523-If20: Atlas I43f2; Wolle pl. 3If6;
 Det. Syll. p. I254;
 ARMATUS, Grev.-I. M. S. I33Ip.42-4f5; Pant. Ip.74-IOf90: 2, p. I20; Rattr.
 Rev. p.575; Wolle pl. 33f2; Det. S. p. I233: (*C. apiculifer*, p. p.)-
 * *var.*, A. S., Atlas 57f4:-(*C. armatus*; -*Cosmoidiscus*.)---
 ASONUMAAE, Pant. 3p. -I5f22I; Det. S. p. I305: (*C. bulliens*.)--
 ASPERULUS, Grun. I334p.21; Rattr. Rev. p.519; Det. S. p. I243;
 ASTEROIDES, Witt I333p. I3-3f2; Brun & T. p.70; Rattr. Rev. p.522:
 Det. Syll. p. I250;
 ASTEROMPHALUS, E.-Abh. Ber. I344p.77; Mg. pls. I3f45a, b; 33-15f7; V. S. A.
 p. I24; Prit. p.323; Atlas 33f5, I2; II3f23; Jan. Gaz. pl. 4f9; V. i. T. No.
 503; Grun. I334p.26; J. Q. C. I335p. I75; I337p. I23; Atlantic City; Pant.
 I, p.71; 2, p. II3: Malaisie; Brun & T. p.70; Rattr. Rev. p.549; Cl. I391
 p.63; Wolle pl. 37f4; Det. S. p. I263: *Oestrup 1897p. 345*
 (*C. aster.*, v. *conspicua*; -*C. radiatus*, v.) *Camp. 1891 pl. If3, 4: p. 520 of 392:*
 * *v. biangulata*, Rattr. Rev. p.549: (*Cosc. b.*)--
 * *v. Brightwellioides*, Grun. I334p.23; Pant. Ip.71-I7f153; Rattr.
 Rev. p.550; Det. S. p. I269;
 * *v. centralis*, E.-Grun., I334p.27: (*C. centralis*.)--
 * *v. conspicua*, Grun. I334p.26; V. i. S. pl. I30f1, 2, 5, 6: (*Cosc. a.*)--
 * *v. eximia*, Grun. I334p.26; Rattr. Rev. p.549; Atlas 32f12:
 Det. Syll. p. I269: J. Q. C. I335p. 175:
 * *v. genuina*, Grun. I334p.26: (*Cosc. a.*)----
 * *v. hybrida*, A. S., Atlas 33f1; II3f22: Grun. I334p. 27-3f9;
 Rattr. Rev. p.551; Det. S. p. I269; *Oestrup 1897p. 345*; J. Q. C. I335p. 175:
 * *v. macrantha*, Grun. I334p.26; Rattr. Rev. p.551; Det. S. p. I269;
 * *v. omphalantha*, Grun. I334p.26; Rattr. Rev. p.549; Det. S. p. I269:-(
 (*Coscinodiscus o.*)
 * *v. Pabellana*, Grun. I334p.27; V. i. S. pl. I23f5; Rattr. Rev. p.551;
 Det. Syll. p. I269; (*Cosc. a.*, var. *Pabellana*.)
 * *v. princeps*, Grun. I334p.26; V. i. S. pl. I23f1-3; Rattr. Rev. p.551;
 Det. S. p. I269;

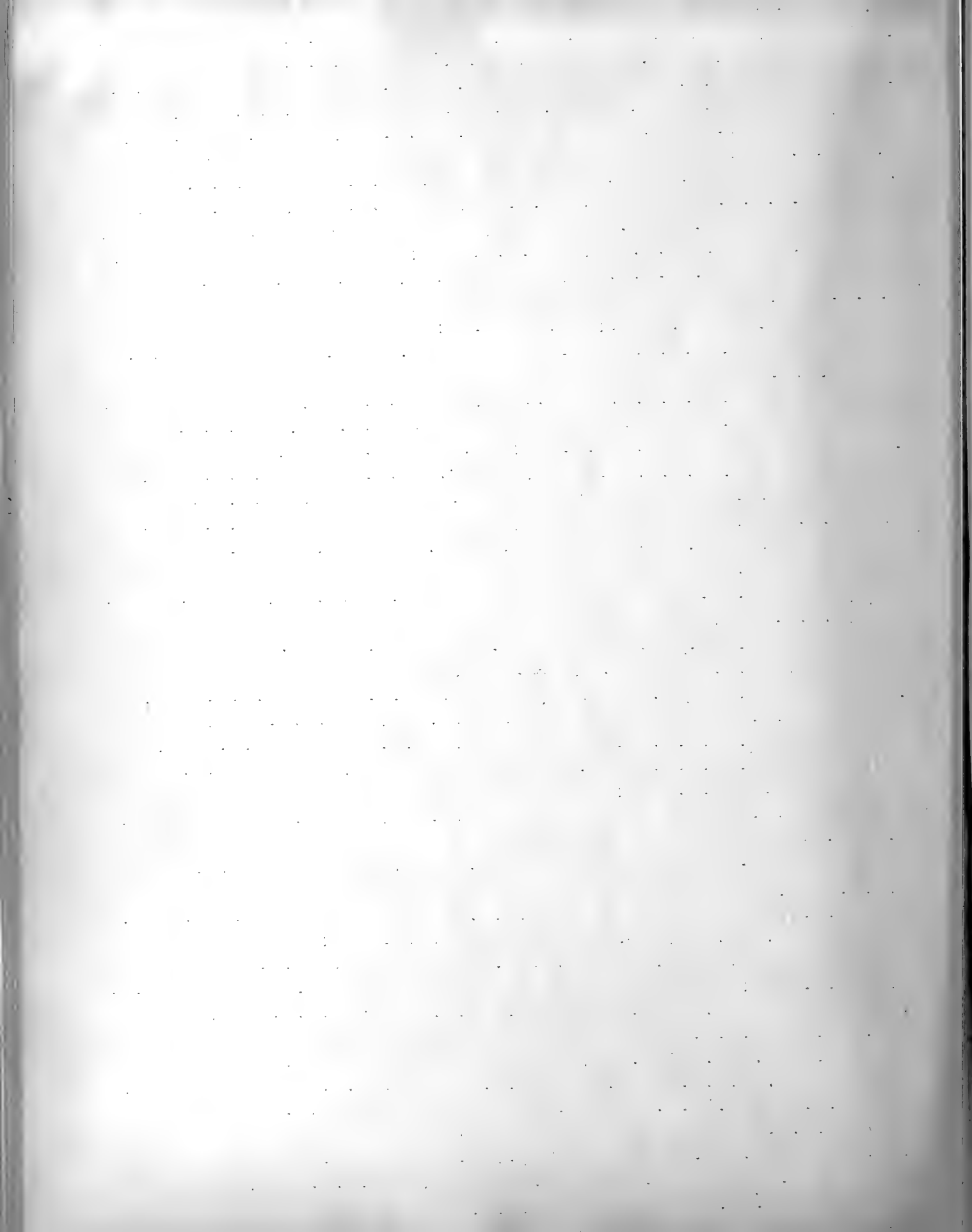
+ bathyomphalus, Oestrup 1897 p. 345:

> Bractea, Br. - L. D. 2, N° 22 p. 236-24 f 8:

" forma minor, Brun. - L. D. 2 N° 22, p. 236-24 f 9:

" " crassipunctata, Bri. - L. D. 2, N° 22 p. 236-24 f 7:

- * v. pulchra, Grun. I384p.25; Rattr. Rev. p.550; Det. S. p. I259;
 * v. spinuligera, A.S., Atlas 53f3; Grun. I384p.47; (Cosc. s.)--
 ASYMMETRICUS, Grun. I384p.34; Cl. & M. Nos. I54, I55; Det. S. p. I306;
 ATLANTICUS, Cast. I337p. I53-5f3; Rattr. Rev. p.473; Notar. I339p.750;
 Det. Syll. p. I220: *Jan Galb. p*
 * v. striatula, Cast. I337p. I53-5f3; Rattr. Rev. p.473; Det. S. p. I220;
 AULISCUS, K.S.A. p. I26; Rattr. Rev. p.500; Det. S. p. I304: -(All. 1822.)----
 AUSTRALIENSIS, Grun. I384p.34-4f3I, 32; (C. laevis, v.)--
 BAILEYI, Sm.-Rattr. Rev. p.52I; Det. S. p. I250; (Cestodiscus.)--
 BALDICKIANUS, Grun.-V.H.T., series 22, No. : Bot. Cblt. I883p.324;
 Det. S. p. I209;
 BALTICUS, Grun., in Cl. Coll.: Cl. I39Ip.63: *Cl. 1897p.22: C. p. d. n.*
 BARBADENSIS, Grev.-T.M.S. I36Ip.43-4f9; Grun. I384p.39; Rattr. Rev. p.
 504; Det. S. p. I236;
 BARK LEYI & Coates, J.R.M.S. I36Ip. I33: Det. S. p. I304: (A'cyclus.)--
 BATHYOMPHALUS, Cl., Vega p.439-36f3I; Rattr. Rev. p.537; Det. S. p. I295;
 * v. wankaremensis, Rattr. Rev. p.533; Cl. Vega p. I36f3Ib;
 BENGALENSIS, Grun., V.H.S. p. I32f9; Rattr. Rev. p.530; Det. S. p. I290;
 BIANGULATUS, A.S., Atlas 53fI3; Wolle p. I36fI; Rattr. Rev. p.543;
 Det. Syll. p. I263: (Cosc. s., var.)----
 BIFRONS, Cast. I337p. I56-2fI; Rattr. Rev. p.50I; Det. Syll. p. I303;
 (Actinocyclus b.)--
 BILARENSIS, Pant. I. p.7I-I4fII9; I3fI39; Rattr. Rev. p.590; Notar. I333p.
 6I3; Det. S. p. I296;
 BIOCLATUS, Grun.-Cl. & M.3I4; Vega p.433; Grun. I384pp.30,56-4fI;
 3f30; Rattr. Rev. p.434; Det. Syll. p. I225;
 * v. exigua, Grun. I384pp.30,56-4f2; Rattr. Rev. p.434; Det. S. p. I225;
 BIPARTITUS, A.S., Atlas 59f35; Rattr. Rev. p.472; Det. S. p. I2I6;
 BIPLICATUS, Grun.-V.H.S. p. I32f6; Rattr. Rev. p.530; Det. S. p. I290;
 BIRADIATUS, Grev.-T.M.S. I36Ip.42-4f7; Atlas 53f2; Rattr. Rev. p.539;
 Malaisie; Det. Syll. p. I23I: = *C. elegans, var.*
 BISCULPTUS, A.S., Atlas 59fI4; Rattr. Rev. p.47I: (C. labyrinthus, v.)--
 Det. Syll. p. I2I5;
 BISINUATUS, Grun.-Atlas 53fI4, I5; Grun. I384p.25; Rattr. Rev. p.552;
 Det. S. p. I270;
 BLANDUS, A.S., Atlas 59f35-37; Rattr. R. p.472; Malaisie; Det. S. p. I2I6;
 BOECKHII, Pant. 2, p. II7: 3p. -35f497; Det. S. p. I263;
 BOLIVIENSIS, Grun. I384p.24; V.H.S. p. I32I4; Rattr. Rev. p.54I;
 Det. Syll. p. I262: (C. Woodwardii, f. f.)--
 * v. spinulosa, Grun. I384p.24; Rattr. Rev. p.54I; Det. S. p. I262;
 (Cosc. Bol., of H.V.H.)---
 BOREALIS, E.-~~Rev.~~ Det. I36Ip.294: (C. radiatus, v. glacialis.)-----
 BOREALIS, Bail.-A.O.S. I35p.3; Prit. p.323; Sm. Sp. T.90; Atlas 53fII;
 Brun & T. p.70; Sm. Sp. T. sub Nos.90,93,95; Rattr. Rev. p.553; Wolle p.
 37fI; Det. S. p. I274;
 (C. oc.-iridis, v.: -C. omphalanthus, v.: -C. radiatus, v.)---
 BOULEI, Perag.-Les Diats. de Franc. series I: Det. S. p. I303;
 BREMIANUS, Pant. 2p. II7-I3f226; Det. S. p. I243;



- BRIGHTWELLIOTIDES, Pant. 3p. --23f410; Det. Syll. p. 1303:
- BULLATUS, Jan. Gaz. pl. 6f12; Rattr. Rev. p. 462: (C. planiuscula.) ---
- BULLIENS, A.S., Atlas 3f11, 12; Grun. I334p. 20; Rattr. Rev. p. 519; Pant. Ip. 70-I7f14; 2, p. 117: Det. Syll. p. 1243; *Cl. Trin. 215: (C. 20)*
- CALIFORNICUS, O'M. Mss.: Rattr. Rev. p. 546; Woll. pl. I03f7: -(C. gigas, v.)
- CAPENSIS, Grun. I334p. 34-4f29; Rattr. Rev. p. 464; Det. S. p. 1224: *Cl. Trin. 215: (C. 20)*
- CARAIBICUS, Wit. I333p. I3-3f3; Rattr. Rev. p. 507: (C. diversus.) --
- * v. completa, Rattray Rev. p. 508:
- CASPIUS, E.-Abh. Ber. I372p. I79-I2f14: (C. radiatus.) --
- CENTRALIS, E.-Abh. Ber. I333p. I29; I344p. 73; Mg. pls. I3f39; 2f13; 22f1; K.B.p. I31; K.S.A.p. I23; Greg. D.C. 1.29-3f49; Woll. I354p. 240-1f3; Gu. p. 360-1f13; I367p. I22-1f13; Breb. D.C.: Q.J.M.S. I359p. I4-2f13; E. Nord. p. -2f24; Prit. p. 323; Bailey Coll.: Jan. Gu. p. I9-2b, f4; Girard Moss. pp. 9, I4-2f19; pl. 4; Carr. p. 93; Hull; Breb. Verm. p. 10; Floegel, Baltic; O'M. Kerg.: I.D. p. 260-26f19; Italy: Cl. I373p. 5; Nares; Vega p. 433; Cl. & M. Nos. sub 57, I34, 207, 215; Petit Class. f27; Sm. Sp. T. 91: T.M.S. I377p. I37f27; Grun. I373p. 26; Fortm. Cey. p. 66; Atlas 30f12; 33f1: J.R. S. I379p. 633; V.H.S. pl. I03f "B"; Malaisia; J.R.C. I337p. 42, I29 pl. 4f1; Woll. pls. 37f6; 94f12; Rattr. Rev. p. 470; Det. S. p. 555: (C. ast., var. cent.: -C. concinnus, f. f.) --- *J.R.C. 1887p. 12-14-1-4: J.R.M. 1884p. 670-9f36: }*
- * forma minor, V.H.T. No. 531: -(C. centralis.) --
- * var., Castr. I337p. I55-2f3: (C. centralis.)
- * v. micraster, Grun. -Cl. Vega p. 433; Cl. & M. I72: (C. centralis)
- CENTRANTHUS, E.-Mik. p. I39; Rattr. Rev. p. 603; Det. S. p. I306:
- CERVINUS, Ralfs. -Prit. p. 331; O'M. I.D. p. 262: Rattr. Rev. p. 593; Det. S. p. I299: (Hyalodiscus.) -
- CHALLENGERI, Jan. -Rattr. Rev. p. 603; Cl. & M. 216 sub; Det. S. p. I307:
- CHAMBONIS, Per. & Her. -Herib. p. I95-5f20:
- CINCTUS, K.B.p. I31-1f17; K.S.A.p. I22: Prit. p. 331; Cl. I330p. 113; Rattr. Rev. p. 452; Det. S. p. I203: (C. patina, Bailey.) --
- CINGULATUS, E.-Abh. Ber. I344p. 200; Mg. pl. 35A-2f5, p. I43; K.S.A.p. I24; Prit. p. 329; Rattr. Rev. p. 539; Det. S. p. I261: -(C. subtilis; -Coscinophaeni
- CIRCUMDATUS, A.S., Atlas 59f3; V.H.S. pl. I31f4; Rattr. Rev. p. 463; Det. Syll. p. I212;
- CLIVOSUS, Pant. Ip. 72-2f16; 2, p. 119: Rattr. Rev. p. 595; Notar. I333p. 513; Det. S. p. I300:
- * v. latefasciata, Pant. Ip. 72-27f252; Rattr. Rev. p. 595; Det. S. p. I300:
- CLYPEUS, E.-Mik. pl. 11f6: (C. symmetricus.) ---
- COCCONEIFORMIS, A.S., Atlas 53f25, 26, 28; Rattr. Rev. p. 599; Cl. Vega p. 509; Woll. pl. 94f4, 5; Det. S. p. I302:
- * v. brevior, Rattr. Rev. p. 599; Atlas 53f24; Det. S. p. I303;
- * v. lator, Rattr. Rev. p. 599; Det. S. p. I303; Atlas 53f23:
- * v. tenuior, Rattr. Rev. p. 600; Atlas 53f27; Det. S. p. I303;
- COMPLEXUS, Stouffer, in litt., March 1377, cum Photogram.: Rattr. Rev. p. 603; Det. S. p. I307:
- COMPOSITUS, Rattr. Rev. p. 513; Atlas 59f10; Det. Syll. p. I247;
- COMPTUS, Castr. I337p. I57-I3f9; Rattr. Rev. p. 533; Notar. I333p. 750; Det. Syll. p. I292:

+ Concinus, Lesd. 2, No. 18 pp. 114-118 pl 8 f 1-14: J. P. M. S. 1844 p. 671-9531:
Oestrup 1897 p. 3. 45: Petit, Cap Horn. Cl. 1897 p. 23:

CONCAVUS, E., Amer. f. p. 124; Abh. Ber. 1341. 412; M. p. 115. 13f53; 2114; V. 3. p. 132; V. S. A. p. 125; Greg. D. C. p. 28-4f47; T. M. S. 13571. 1f52; Phil. p. 331; Carr. p. 93; Breb. Verm. p. 10; Italy: Cl. Java p. 4; Vega p. 433; J. Q. C. 1337p. 39; O. M. Ver. : Deny Pol. p. 14; Atlas 52f5; M. T. P. 4-2-1; Perag. p. 76; Malaisie; Atlantic City; Rattr. Rev. p. 459; Wille 11. 9413; Del. Syll. p. 1215; *A. Q. C. 1888p. 209-2457*;
(*C. marginatus antiquus*, p. p. : -*C. & Enaietya Oceanica*; -*Melos. eribrosa.*)
var., A. S., Atlas 59f16; (C. antiquus.) --
v. Africana, (-Abh. Ber. 1344p. 79; V. S. A. p. 125;)
v. punctata, Grove. -Atlas 143f10;
CONCAVUS-ARICAE, E. -Abh. Ber. 1344p. 79; Rattr. R. p. 470; -(C. concavus, v. A.)
CONCINNUS, S. B. D. 2p. 35; Q. J. M. S. 1353p. 20-3f12, 12a; Phil. p. 323-5f39;
Carr. p. 93; Mill. R. E. D. p. 34; J. B. C. 1370p. 41; 410, 21, Baltic; O. M. f. C. p. 261; Jan. Gaz. pl. 2f6; Petit Nimba; Sm. Sp. T. 92; Atlas 50f13; II4f 3, 9; A. J. V. 1377p. 102; Cl. Vega p. 433; Grun. 1334p. 27; Malaisie; Rattr. Rev. p. 531; Del. S. p. 1253; (C. conchalis, p. p., 13f13, var., & tenuis; -*Eupodiscus Greg. orianus*, subtilis, & *opacianus*, var.) -
v. Arafurensis, Jan. Gaz. pl. 4f3, 5; Grun. 1334p. 27; Del. S. p. 1253; Rattr. Rev. p. 534; (C. P. 13f13.) ---
v. Jonesianus, Grev. -Rattr. Rev. p. 532; Del. S. p. 1257; (*Eupodiscus J. & commutatus*, *concinus* var. *triangularis*.) --
var. Mosleyi, O. M. -Rattr. Rev. p. 533; Del. S. p. 1253; (C. Sc. M.) ---
v. triangularis, Grun. 1334p. 27; Rattr. Rev. p. 533; -(Var. Jonesianus.) ---
CONFERTUS, A. S., Atlas 53f32; Rattr. Rev. p. 534;
CONCLUSUS, Rattray. -Atlas 132f3;
CONFORMIS, A. S., Atlas II4f4; Rattr. Rev. p. 545; Del. S. p. 1255;
CONUSUS, A. S., Atlas 54f15; Rattr. Rev. p. 451; Del. S. p. 1201;
CONVEXUS, A. S., Atlas 50f15; Grun. 1334p. 21; Rattr. Rev. p. 552; Del. Syll. p. 1251;
v. diminuta, Grun. 1334p. 21; Rattr. Rev. p. 553; Del. S. p. 1271;
v. Bengalensis, Grun. 1334p. 21; Rattr. Rev. p. 553; Del. S. p. 1271;
COROLLA, A. S., Atlas 53f32; Rattr. Rev. p. 530; Del. S. p. 1253;
CRASPEODISCUS, V. S. A. p. 123; M. D. p. 1. 1917, 3; Q. J. M. S. 1377p. 431; Carr. 1337p. 152-3f5; Rattr. Rev. pp. 544, 600; (Craspeodiscus elegans.)
CRASSUS, Bailey, A. J. S. 1353p. 129f2; Bail. Coll. : Phil. p. 330; Atlas 51f 19; Sm. Sp. T. 90; Grun. & T. p. 70; Rattr. Rev. p. 539; Part. 21. 117; Wille 74f1; 37f2; Grun. 1334p. 74; Del. S. p. 1251;
var., A. S., Atlas 51f19; (C. crassus.)
v. algida, Grun. 1334p. 22-3f5; Rattr. Rev. p. 540; Del. S. p. 1252;
v. gelida, Grun. 1334p. 22-3f6; Rattr. Rev. p. 540; Del. S. p. 1252;
v. Morsiana, Grun. 1334p. 22; Del. Syll. p. 1252; Rattr. Rev. p. 539;
v. plicata, Grun. 1391p. 21-2013;
CREMULATUS, Grun. 1334p. 31-4f17; Atlas 57f33; Rattr. Rev. p. 439; Del. Syll. p. 1223;
CRIBROSUS, Witt 1333p. 14-2f25; Atlas 54f11; Rattr. Rev. p. 537; Del. S. p. 1294;
CRISTATUS, A. S., Atlas 59f4; Rattr. Rev. p. 475; Del. Syll. p. 1213;
v. distans, A. S., Atlas 59f5; Rattr. Rev. p. 475; Del. S. p. 1213;

- CRUCIATUS, K.B.p. I32-23f10; K.S.A.p. I25; R.E.D.p. 34; Rattr. Rev. p. 301;
(Pyxidicula (Dietzopyxis) c. & hellenica.) ---
- CURVATULUS, Grun.-Atlas 57f33, 37; Jan. Gaz. pls. 2f7; 5f2, 5, 8; 5f2;
20f17; Sm. Sp. T. 99: Cl. Vega p. 433; Rattr. Rev. p. 436; Del. S.
p. I226: *Grun. / 1884 p. 30:* (Oontodiscus.) ---
- v. B rbadensis, Cleve Mss.; Rattr. Rev. p. 439;
- v. densius-striata, Grun.-Atlas 57f35: (Cosc. c.) -
- v. frigida, Grun.-Cl. Vega p. 433; Rattr. Rev. p. 439;
- v. gemina, Grun.-Atlas 57f33, 37; V. I. T. No. 534; Del. S. p. I227; Grun.
I334p. 3I-4f13^{1/4}; Rattr. Rev. p. 437: (C. Stollaghi.) ---
- v. inermis, Grun. I334p. 3I-4f11, I2; Witt I335p. 23; Atlas II3f3;
Rattr. Rev. p. 436; Pant. 2, p. II3: *Oestrup 1897 p. 344:* (Cosc. curv.) ---
- v. Mariana, Grun.-Cl. I330p. II3-7f129; Vega p. 433; Grun. I334p. 3I;
Del. Syll. p. I227: (Oontodiscus c., var.) --
- v. latic-striata, A.S., Atlas 57f30, 34; Rattr. Rev. p. 437;
Del. Syll. p. I227;
- v. minor, Grun. I334p. 3I-4f3, IO; Rattr. Rev. p. 437; Del. S. p. I227;
- v. Norramii, Cl. Vega p. 433: (Cosc. N.) -----
- v. recta, Jan. Gaz. If3; 4f4; Rattr. Rev. p. 433; Del. Syll. p. I223;
Castr. I337p. I59-I2f14;
- v. subocellata, Grun., I334p. 3I-4f15; Rattr. Rev. p. 433; Del. S. p. I223;
(C. lunae.) --
- CYCLOTHERES, Castr. I337p. I6I-22f3:
- DEBILIS, Grove.-Atlas I43f5; I63f4; Rattr. Rev. p. 529-If4;
Del. Syll. p. I255:
- DEBFI, Pantoc. 2, p. II3-26f373; Del. S. p. I270:
- DECIPIENS, Grun. I373p. 23-4f13; I334p. 33; Atlas 53f13, I9; V. I. S. pl.
9If10; T. No. 47I; Rattr. Rev. p. 464; Del. S. p. I2II: (C. minor, I. I. I. :-
C. excentricus, v. :- C. pectinatus; -Orthosira & Melosira angustata.) -
- DECRESCENS, Castr. I337p. I59-I2f14: (C. minor.) ---
- DECRESCENS, Grun. I334p. 23; Atlas 3If9; J. Q. C. I337p. 33; Rattr. Rev. p.
525; Del. S. p. I252; (C. 27-10)
- v. irregularis, Grun. I334p. 23; Rattr. Rev. p. 525; Del. S. p. I252;
- v. polaris, Grun. I334p. 23-3fII; Rattr. Rev. p. 526; Del. S. p. I252;
- v. repleta, Grun. I334p. 23-3f13; Witt I335p. 23; Rattr. Rev. p. 523;
Del. Syll. p. I252;
- v. valida, Grun. I334p. 23; Atlas 3If13; Rattr. Rev. p. 526; Del. S. p. I252; --
- v. venusta, Grun. I334p. 23; Rattr. Rev. p. 525; Del. S. p. I252: -(C. 27-10, 14
- DECUSSATUS, Gro. & St. -Rattr. Rev. p. 579-If7; Del. S. p. I239;
- DELAWARENSIS, Grun.-Cl. & M. 2I2; Rattr. Rev. p. 306; Del. S. p. I303;
- DENARIUS, A.S., Atlas 57f19-22; Grun. I334p. 29; Cl. Vega p. 501^{1/4}; Rattr.
Rev. p. 504; Wolle pl. II2f3; Del. S. p. I233;
(C. subtilis; -C. symmetricus.) -
- v. variolata, Castr. -Rattr. Rev. p. 505; Del. S. p. I233: -(Cosc. variolatus)
- DENSUS, Gro. & Start. -Rattr. Rev. p. 592-2f9; Del. Syll. p. I293;
- DENTICULATUS, Castr. I337p. I55-3f3; Rattr. Rev. p. 53I; Notul. I339p. 75I;
Del. Syll. p. I256;
- DEPRESSUS, Greg. Mss.; Rattr. Rev. p. 595; Del. S. p. I300;
- DETRIUS, A.S., Atlas 53f15; (C. patelliformis.) --

> dichotomus, Br. - L. D. 2, no. 22 p. 236-24 f6:

+ diorama, - J. Q. C. 1888 p. 308-24 f1-3:

Ebulliens Cas. fr. 1889 p. 159-5 f1 (C. bulliens)

+ ellipticus, Grevillea vol. 1 p. 91-6 f4 a, b;

DEVIUS, A.S., Atlas 30fI-4; V.H.S.pl.I30f3; Cl. & M.I50; Malaisie;
Villef.p.73; (C. radiatus, v. minor.)
DIMORPHUS, Castr.I837p.I57-I7f6; Atlas 57fI: Rattr.Rev.p.450;
Notar.I339p.75I; Det.Syll.p.I20f:
DIOPHTHAGMUS, Castr.I337p.I33-I3f4; (C. excavatus, v. biocellatus.)--
" v. monophthalma, Castr.I337p.I33-I3f7: -(C. excavat. v. similis.)---
DIORAMA, A.S., Atlas 64f2; Malaisie; Rattr.Rev.p.542: Wollf pl.37f3;
(C. gigas, var. "a": -C. Sinensis.)---
DIPLOSTICTUS, Grun.-V.H.S.pl.I32f3; Rattr.Rev.p.579; Det.S.p.I239:
DISCHER, E.-Abb.Ber.I343p.73; K.S.A.p.I23; Prit.p.329; Det.S.p.I299;
Rattr.Rev.p.593;
DISCOPLEA, E.-Mir.p.I23; Rattr.Rev.p.506; Det.S.p.I306:
DISPAR, Perag. & Her.-Herib.p.I94-5f2I, 22;
" v. radiata, Per. & Her.-Herib.p.I94-5f23, 24:
DIVERSUS, A.S., Atlas 62fI3-I5; Grun.I334p.20; Rattr.Rev.p.507:
Det.Syll.p.I240: (C. Caribensis & radiatus.)
" v. completa, Rattr.Rev.p.503; Det.S.p.I240:
DIVISUS, Grun.I373p.23; I334p.3I-4fI3; Villef.p.77; Rattr.Rev.p.499:
Det.Syll.p.I235: (C. curvatus, v.)---
" v. arcuata, Grun.I373p.23;
DOLJENSIS, Pant.Ip.72-I2fI05; Rattr.Rev.p.503; Notar.I333p.6f3;
Det.Syll.p.I233;
DUBIOSUS, Jan.Gaz.pl.5fI0, II; Rattr.Rev.p.529; Cl. & M.No.I34;
Det.Syll.p.I255: *Cl. & M. #164*:
" v. curvans, Rattr.Rev.p.529; Det.S.p.I255:
DUBIUS, A.S., Atlas 6IfI4; Rattr.Rev.p.533; (C. crassus, var.?)
DURIUSCULUS, A.S., Atlas 53f3; Rattr.Rev.p.533; Det.S.p.I230:
EHRENBERGII, O'M.I.D.p.263-26f24: (C. lineatus.)--
ECHINATUS, A.S., Atlas 53f35, 36; Rattr.Rev.p.49I; Det.S.p.I229;
EGREGIUS, A.S., Atlas 57f39; Rattr.Rev.p.503; Det.S.p.I247;
ELEGANS, E.-K.S.A.p.I23: (C. ruscoides.)--
ELEGANS, Grev.-T.M.S.I336p.3-I3f3; Jan.Gaz.pl.4f3; Atlas 53f7; I33fI0:
Cl. & M.I64; J.Q.C.I335p.I75; I337p.69; Pant.Ip.73-I3fI4f; 24f2I3:
Det.Syll.p.I293; Pant.3p. 4f54; Brin & T.p.70; Rattr.Rev.p.535:
Wollf pl.94fI; Malaisie: (C. 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658,

+ excentricus, E. —

" var. gelatinosus; Hensen, Funft. Ber. Komm. Kiel. 1882
p. 87: Cl. 1897 p. 23: (*Thalassiothrix*; C. ex., var. concat.)

" " concatenata, Gran N. E p. 30-3 f 38: (C. ex., v. gelat.)

- EVADENS, A.S., Atlas 57f44; Rattray Rev.p.577; Det.Syll.p.1237;
 " v.parvula, A.S., Atlas 57f45; Rattr.Rev.p.577; Det.S.p.1233;
 EXASPERANS, A.S., Atlas 53f9; Rattr.Rev.p.450; Harib.p.195;
 Det.Syll.p.1201;
 EXCAVATUS, Grev.Mss.: Prit.p.329-3f26; Atlas 65fI; Grun.I334p.2I;
 W.& C.2,p.I; Rattr.Rev.p.523; Wollé pl.90fI; Det.S.p.1251;
 " v.biocellata, Grun.I334p.2I; W.& C.2p.I-5fI2; Det.S.p.1251;
 Rattr.Rev.p.524: (C.diophthalma, v.)--
 " v.deliquesceus, Rattr.Rev.p.524-3f7: Det.S.p.1252;
 " v.genuina, Grun.I334p.2I; Rattr.Rev.p.523; Det.Syll.p.1251;
 " v.quadriceolata, Grun.I334p.2I; W.& C.2p.I-5fII; Det.S.p.1251;
 Rattr.Rev.p.523: (C.diophthalmis.)--
 " v.semilunaris, Grun.I334p.2I; Rattr.Rev.p.524; Det.S.p.1252;
 (Cosc.excav., var.monoph.)---
 EXCENTRICUS, E., Abh.Ber.I339p.143; Vreid.I340p.33; Amer.p.323pl.I-3f
 20; 3-3f5; Mg.pls.I3f32; 2If3; Nord.p. -2fI3; K.B.p.I3I-If9; K.S.A.
 p.123; S.B.D.Ip.23-3f33; A.J.S.I353p.I; Mull; Breb.D.C.: Prit.p.330;
 Jan.Gu.p.20-Ia,f7; Ib,fI; 2b,fII; Weisse Gu.p. -2fI3; Schum.I337p.
 62; N.& R.S.p.70; R.E.D.p.34; Roper, Thames; Hall; Grun.I333p.23;
 I334p.34-2f7; Cl.I337p.632; I333p.2I7; I373p.3; I373p.I3; Vega 11.
 433, 505, 509; Breb.Verm.p.10; Eiben, I37I; Sm.Sp.1.93; Schm.N.D.p.94-
 3f33-33; Jan.Gaz.pls.2f3; 3f3, 7-II; Atlas 53f49; Mobile; Lagr.I373p.
 II; Petit Cat.p.33; Nimrod; Italy; Deby Polder p.I3; Brun & T.p.70;
 Atlantic City; V.J.S.1.2I7-I30f4-7,3; T.No.530; Witt I335p.24; Shark
 River; Perag.p.73; Villef.p.73; Malaisie; Flogel, Baltic; Rattr.Rev.
 p.43I; Ann.Sci.Belg.I333p.1.2f9; Pant.2,p.II3; Wollé pl.90fI0; Det.
 Syll.p.1210; Oestrup 1897p.344; Petit, *Cosc. exc.*
 (C.lineatus, v.: -C.minor, p.p.: -Odonodiscus.)
 " v.antiqua, A.S., Atlas 39fI6; Grun.I334p.32-4f24: (Cosc.a.)-
 " v.decepiens, Grun.I373p.23-4fI3: (Cosc.u.)-
 " v.hyalina, Rattr.Rev.p.464; Det.S.p.12II: -(Eupodiscus excentricus.)-
 " v.micropora, Grun.-Cl.& M.II4; Rattr.Rev.p.463; Det.S.p.12II:
 " v.perpusilla, Grun.I334p.56-4f7; Rattr.Rev.p.463; Det.S.p.12II:
 " v.punctifera, Grun.I334p.52; Rattr.Rev.p.464; Det.S.p.12II:
 " v.sablineata, Brun & T.p.70: (Cosc.s.)-
 " v.marginalis, Schum. 1867p.62: (Cosc.z.)-
 " v.zebuensis, Rattr.Rev.p.464; Det.S.p.12II:
 EXIGUUS, A.S., Atlas 53f30; Rattr.Rev.p.573; Det.S.p.1233;
 " v.aequalis, A.S., Atlas 53f3I; Rattr.Cosc.p.573; Det.Syll.p.1233;
 EXTRAVAGANS, A.S., Atlas 53f33; Rattr.Rev.p.506; Det.S.p.1239;
 EXUTUS, Rattr.Cosc.p.529; Det.Syll.p.1254;
 FALLAX, Schum.I337p.62-3f73: (C.radiatus.)--
 FASCIATUS, E.-Abh.Ber.I355p.30I; Rattr.Rev.p.609; Det.S.p.I306;
 FASCICULATUS, O.M.-Q.J.M.S.I367p.245-7fI; Schm.N.D.p.95-3f4I; Atlas
 57f9, 10; Petit Cat.p.33; Deby Polder p.I3; Rattr.Rev.p.49I;
 (C.Normannii; -A'eyulis. Ralfsii: -Pterostephania Rothii? *C. circumdata*.)
 FEBIGERI, H.L.Sm. ?-(C.excavatus, quadri-oc.)
 FENESTRATUS, E.-Mik.p.I30; Rattr.Rev.p.607; Det.S.p.I303;



- EMBRIATUS**, E. - Abh. Ber. 1340p. 203; 1341p. 73; Mik. pl. 22f2; K.S.A.p. 123; Prit.p. 329; Eul. Sp. 1. 103; O'M. Kerg.: I.D.p. 264; Atlas 55f3-5; Grun. 1334p. 22; Rattr. Cosc.p. 553; Malaisie; Pant. 2, p. 117; Det. S. 11. 1. 1271; (C. radiatus, f. p.: - Eupod. tessellatus.) ---
 v. *Californica*, Grun. 1334p. 22; Rattr. Cosc.p. 553; Det. S. 1. 1271;
 v. *subradiata*, H.V.H.S. pl. 131f2; Rattr. Cosc.p. 553; Det. Syll. p. 1271; (C. radiolatus.)
EMBRIATUS-LIMBATUS, E. - Mik. pl. 19f4; Atlas 55f3-5; 113f2-5; Pant. 2p. 113; Brun & T. p. 70; Norman. - T.M.S. 133p. 7-2f3; (C. radiolatus.)
ELAGRANS, A.S., Atlas 57f43; Rattr. Cosc.p. 573; Det. S. 1. 1235;
ELAVICANS, E. - Amer. p. 124, pls. 1-3f17; 2-3f9; Abh. Ber. 1341p. 412; Mg. p. 143, pl. 39-3f19; K.B.p. 131-23f3; K.S.A.p. 122; Weiss. 1354p. 241-1f3; Prit.p. 331; Italy: Floge, Baltic; Det. S. p. 1304; (Melosira?) -
ELIXILIS, A.S., Atlas 114f3; Rattr. Cosc.p. 544; Det. S. p. 1235;
ELORESCENS, Grun. in litt., 1333; Rattr. Cosc.p. 593; (C. polyrrhaptos.) --
ELORIDULUS, A.S., Atlas 113f16; Rattr. Cosc.p. 559; Wille pl. 90f5; Det. Syll. p. 1273;
ERAMINOSUS, Grev. Mss. in Brit. Museum Cat.: Rattr. Cosc.p. 479; (C. nitidus.) --
FRAGILISSIMUS, Grun., V.H.S. pl. 123f4; Rattr. Rev. p. 552; Det. S. p. 550; (Ethmodiscus convexus.) -
FULGURALIS, Brun, 139p. 21-21f3; Det. Syll. p. 1234;
FUSCUS, Norman. - T.M.S. 133p. 7-2f3; Rattr. Cosc.p. 501; Det. S. p. 1304; (Actinocyclus Ralfsii.) -
GALLOPAGENSIS, Jan. - J.R.M.S. 1379p. 333-21f3; Rattr. Cosc.p. 574-2f20; Atlas 133f2; Det. S. p. 1235; (C. griseus & var.) --
GAZELLAE, Janisch. - J.R.M.S. 1379p. 333; Rattr. Cosc.p. 543; Det. S. p. 1235; (Ethmodiscus gigas, sphaeroidalis, tympanum, Wyvilleanus.) -
GEMMATULUS, Castr. 1337p. 131-17f9; Rattr. Cosc.p. 574; Notar. 1339p. 751; Det. Syll. 1. 1235;
GEMMIFER, E. - Abh. Ber. 1344p. 201; Mg. pl. 35A-22f3; Bailey Coll.: K.S.A. p. 124; Prit.p. 329; Grun. 1333p. 26; Fortm. Cey. p. 37; Malaisie; Rattr. Cosc.p. 573; Det. S. p. 1234;
 v. *Campeachiana*, Grun. - Rattr. Cosc.p. 573; Det. S. p. 1234;
GIGAS, E. - Abh. Ber. 1341p. 412; 1344p. 79; Mik. pl. 13f34; K.B.p. 132-11f3; K.S.A.p. 125; Bailey Coll.: Prit.p. 329; Jan. Gaz. p. 19-1a, ff; Italy; N. J.S. 1342p. 95-2f14; Grun. 1333p. 23; 1373p. 27; 1334p. 24; O'M. I.D. 1. 231-26f21; R.E.C. p. 34; Jan. Gaz. pl. 3f4; Pet. Nimba; Atlas 31f1; Atlantic City; Brun & T. p. 70; Villef. p. 76; Rattr. Cosc.p. 541; Wille pl. 31f9; Det. Syll. p. 1233; (C. radiatus, f. p.) ---
 var., Jan. Gaz. pl. 2f1;
 v. *Californica*, Rattr. Cosc.p. 543; Det. S. p. 1234; (Cosc. C.) -
 v. *diorama*, Grun. - Rattr. Cosc.p. 542; Det. S. p. 1235; (Coscinodiscus diorama & gigas, v. *Wille*)
 v. *duplicata*, Grun. 1334p. 30-30f27; Det. S. p. 1233; Rattr. Cosc.p. 543; (Cosc. subtilis, var., & radiatus.) -
 var. *Guineensis*, Grun. - Rattr. Cosc.p. 543; Det. S. p. 1234; -(Cosc. G.)
 v. *laxa*, Rattr. Cosc.p. 543; Det. S. p. 1234;

> Gregorianus, Om. - J.R.M.S. 1867 p. 115:

Hospitalitas Paul. 2 pl. 25 f 363:

- * v. *Montereyi*, Grun. 1834p.24: (C. *gigas*, v. *Montereyi*.) ---
 * v. *pinetiformis*, Rattr. Cosc. p. 540: Del. S. p. 1203: - (C. *woodwardii*, f. f.) -
 * v. *stellifera*, Brun & T. p. 71:
 GLABERRIMUS, Rattray Cosc. p. 510-If19: Del. S. p. 1211:
 GLACIALIS, Grun. 1834p.30-3127; Rattr. Cosc. p. 593: (C. *stellifera*, v.)
 GRACILENTUS, Rattr. Cosc. p. 599-If9: Del. S. p. 1202;
 GRAECUS, K.B. p. 132; K.S.A. p. 125; Del. Syll. p. 1304;
 (Cyclotella; -Discoplax; -Melosira.)
 GRANDINEUS, Rattr. Cosc. p. 554: Del. S. p. 1272;
 * v. *dentata*, Rattr. Cosc. p. 555: Del. S. p. 1272;
 GRANULATUS, E. -Abh. Ber. 1845p.75: K.S.A. p. 122; Italy: Rattr. Cosc. p. 594; Del. Syll. p. 1299:
 GRANULOSUS, Grun. -Cl. 1830p. 113-7f130; V. i. S. p. 1.94f133; Cl. Vega p. 439; Italy; Rattr. Cosc. p. 453-If23; Del. S. p. 1203:
 (Cyclotella; -Quontodiscus.) --
 * v. *conspicua*, A.S., Atlas 57f3; Rattr. Cosc. p. 454; Del. S. p. 1203;
 * v. *distincta*, — Rattr. Cosc. p. 451; Del. Syll. p. 1204;
 GRAYANUS, Rattray Cosc. p. 533-2f12; Del. S. p. 1295;
 GREGORII, D.M., I.C. p. 233-23f23; Rattr. Cosc. p. 504; Del. S. p. 1203;
 GRISEUS, Grev. -M.O. 1833p. 230-9f7; Atlas 53f1, 13, 14; J.R.C. 1834p. 174; Rattr. Cosc. p. 536; Del. S. p. 1294; (C. *Gallapagensis*, Griseb.) --
 * v. *apiculata*, Rattr. Cosc. p. 536:
 * v. *Gallapagensis*, Grun. -V. i. S. pls. 123f7; 122f1: (Cosc. G.) -
 GROVEANUS, Rattr. Cosc. p. 532-If11: Del. Syll. p. 1277:
 GRUNDWII, Pant. Ip. 74-9f74; 44f125; 2, p. 120; Rattr. Cosc. p. 133; Notat. 1833p. 619; Del. S. p. 1225:
 * v. *minor*, Pant. -Rattr. Cosc. p. 435; Pant. Ip. 74; Del. S. p. 1225;
 GUINEENSIS, Grun. 1834p.24: 14705! (C. *gigas*, v. G.) -
 GYRATUS, Jan., Gaz. p. 1.5f2, 3; Rattr. Cosc. p. 102:
 HARADAAE, Pant. 3p. -3f139; Del. S. p. 1305:
 HAUCKII, Grun. -V. i. S. pl. 94f29; Rattr. Cosc. p. 503; Italy; Harib. p. 195; Del. S. p. 1305; *cf. minor* sub (Cyclotella?) --
 HERCULIS, Brun, 1830p. 22-2f13; Del. S. p. 1213: (C. *stellifera*.)
 HETEROMORPHUS, A.S., Atlas 35f17; Rattr. Rev. p. 103; Del. S. p. 1214;
 HETEROPORUS, E., Abh. Ber. 1844p. 235; K.S.A. p. 120; Pant. p. 301; Atlas pls 4, 6, 7; Grun. 1834p. 22; Brun & T. p. 71; Rattr. Cosc. p. 540; Pet. Nimrou; Woll. pls. 36f6; 90f12; Del. S. p. 1262: *Petit, Cap Horn*: - (C. *argus*, f. f.)
 * v. *Moronensis*, Grun. 1834p. 23; Atlas 31f1; Rattr. Cosc. p. 540; Del. Syll. p. 1262;
 HETEROSTIGMA, E. -Abh. Ber. 1872p. 297; Nord. p. -2f22: Rattr. Cosc. p. 604; Del. S. p. 1304: (Melosira.) ---
 HIRTULUS, Grun. -Rattr. Cosc. p. 451; Del. S. p. 1201: (Cosc. G.) -
 HUMILIS, Rattr. Cosc. p. 452: Del. S. p. 1202: (willamoesia.) --
 HUNGARICUS, Pant. Ip. 73-9f73; 2, p. 120; Rattr. Cosc. p. 591; Notat. 1833p. 619; Del. S. p. 1297:
 * v. *Szaboi*, Pant. -Rattr. Cosc. p. 591; Del. S. p. 1297: (Cosc. S.) -
 HYALINUS, Grun. -Cl. 1830p. 113-7f123a; Cl. & p. 313 sub; Grun. 1834p. 30, 31-3f23; Vega p. 433; Rattr. Cosc. p. 433; Del. S. p. 1224; - (Quontodiscus.) ---

- HYPERBOREUS, Grun. I334p.23-4f26; (C. laevis, v.)----
 IMPERATOR, Jan.-Rattr.Cosc.p.546-1f5; Del.Syll.p.I237;
 IMPLICATUS, Rattr.Cosc.p.512-3f1; Del.S.p.I243;
 " v.picturata, Rattr.Cosc.p.512-3f2; Del.S.p.I244;
 IMPOLIUS, Rattr.Cosc.p.453; Del.S.p.I203; (C. Antarecticus, Cast.)-
 IMPRESSUS, Grun. I334p.21; V.M.S.pl.I32f5; Rattr.Cosc.p.501; Wollé,
 pl.90f9; Del.S.p.I253;
 INAEQUALIS, Grove & St.-J.Q.C.I337p.68; (C. vetustissimus.)--
 INAEQUISCULPTUS, Rattr.Cosc.p.557-1f17; Del.S.p.I273;
 INCLUSUS, Rattr.Cosc.p.462; Atlas 57f47; Del.S.p.I223;
 INCRETUS, A.S., Atlas I39f1; Wollé pl.I10f1;
 INDICUS, E.-Mik.p.I31; Rattr.Cosc.p.607; Del.S.p.I303;
 INEXPECTATUS, Cast.I337p.I33-10f10; Rattr.Cosc.p.452; Del.S.p.I202;
 INSUTUS, A.S., Atlas 57f2; Rattr.Cosc.p.453; Del.S.p.I203;
 INTERLINEATUS, Rattr.Cosc.p.503-1f6; Del.S.p.I233;
 INTERMEDIUS, E.-Mik.pl.33-13f3; Rattr.Cosc.p.605; Wollé pl.74f13;
 Del.S.p.I305; (C. radiolatus, p.p.)--
 INTERMIXTUS, Rattr.Cosc.p.563-1f13; Del.S.p.I273;
 INTERSECTUS, Brun, I39Ip.22-20f5; Del.S.p.I224; (C. toulousiens.)-
 INTUMESCENS, Pant.Ip.74-2f17; Rattr.Cosc.p.590; Notar.I333p.619;
 Pant.2,p.I20; Del.Syll.p.I297;
 " v.interrupta, Pant.2,p.I20; Del.Syll.p.I297;
 IRRADIATUS, Harting Banda p.8-1f1; (C. argus.)--
 IRREGULARIS, Rattr.Cosc.p.456; Del.S.p.I205; (C. Pacificus, Cast.)-
 IRRORIATUS, Cast.Med.I330p.7; Notar.I333p.I30; Del.S.p.I301;
 ISOPORUS, E.-Mik.pl.33-17f3; Wollé pl.74f5; Rattr.Cosc.p.435; Princ.p.
 330; Italy; Atlantic City; Del.S.p.I224;
 JANUSCHII, A.S., Atlas 33f10; 34f3,4; Jan.Gaz.pl.4f3,5; Grun.I334p.24;
 Rattr.Cosc.p.545; Del.S.p.I234; Jac.1887p.2-8; (C. marginatus, Jan.)--
 " v.Arafurensis, Grun.I334p.24; Rattr.Cosc.p.544; Del.S.p.I234;
 (C. Arafurensis, p.p.: -C. eraspedousiens, p.p.)-
 " v.Monicae, Grun.I334p.24; (Cosc.M.)-
 JANUS, Cast.I337p.I57-2f2; Del.S.p.I303; (A'eyelus.)----
 JAPONICUS, E.-Abh.Ber.I372p.I93; Rattr.Cosc.p.607; Del.Syll.p.I307;
 JAPONICUS, Pant.3pZ. -1f10; Del.S.p.I305;
 JAVANENSIS, Grun.-Cl. & M.No.I45; Rattr.Cosc.p.607; Del.Syll.p.I303;
 (C. gemmifer.)
 JOSEFINUS, Grun.I334p.23-3f16; Rattr.Cosc.p.545; Del.S.p.I233;
 JIMBOI, Pant.3p. -4f54; Del.S.p.I305; (C. elegans.)--
 JOHNSONIANUS, Grun.-Rattr.Cosc.p.453; Del.Syll.p.I207; -(C. toulousiens.)-
 KINKERIANUS, Witt I333p.I3-3f1; (C. robustus.)--
 KOCHII, Pant.Ip.71-22f197; 2p.I13-29f412; Rattr.Cosc.p.539;
 Notar.I333p.619; Del.Syll.p.I293;
 KRYOPHILUS, Jan.Gaz.pl.3f3; Grun.I334p.29-3f21; Rattr.Cosc.p.492;
 Del.S.p.I230;
 KURZII, Grun.-Atlas I13f17; Rattr.Cosc.p.564; Del.S.p.I273;
 KUSNETZKIANUS, Pant.3p. -29f425; Del.Syll.p.I303;

+ Kützingeri,

+ " V. glacialis, Oestrup 1897 p. 344:

lineatus, cl. 1894 (3) No. 2 p. 6, 8, 22: (b. polychordus.) Mik. 18 f 33:
" 22 f 6:
35A-17 f 7:

- KUTZINGII, A.S., Atlas 57f17, 18; Grun. 1334p.32; Rattr. Cosc. p.431;
 Malaisie; Del. Syll. p.1222: (C. marginatus, A.S.)-
 " v. glacialis, Grun. 1334p.32-4f16; Rattr. Cosc. p.431; Del. S. p.1222;
 LABYRINTHUS, Roper, Q.J.M.S. 1353p.21-3f2a,b; Prit. p.331; Mull; Carl. p.
 93; Cl. & M. No. 2737; Grun. 1334p.21; Rattr. Cosc. p.471; Del. S. p.1215;
 " v. bispulchus, A.S., Atlas 59f14: (Cosc. b.)-
 LACUNOSUS, Grove.-Rattr. Cosc. p.603; Led. Vol. II. p.22-3f4; Del. S. p.1273;
 LACUSTRIS, Grun. 1334p.33-4f30; Cl. & M. 172; 1330p.114; Vega p.439;
 1391p.33; V.H.S. p.213-"C" f42; T. 535; Villef. p.77; Rattr. Cosc. p.531;
 Del. S. p.1290: -(Cyclotella (Stephanodiscus) inotatus; -Oortodiscus.)---
 " v. Australiensis, Rattr. Cosc. p.532; Del. S. p.1291: (Cosc. A.)-
 " v. hyperborea, Grun.-Rattr. Cosc. p.531; Cl. & M. 315-316; Vega
 p.439; Del. Syll. p.1291: (Cosc. h.)
 " v. marina, Grun.-Cl. & M. 172; Vega p.439; Rattr. Cosc. p.532;
 Del. Syll. p.1291:
 " v. septentrionalis, ^{anch}Perag. Villef. p.77; Rattr. Cosc. p.531;
 Del. S. p.1291: *Oestrup 1897 p.345*: (Cosc. G.)
 LANCEOLATUS, Castr. 1337p.164-17f19; Rattr. Cosc. p.599; Notar. 1339p.
 752; Del. S. p.1241:
 LEMIGINOSUS, Jan. Gaz. pl. 1f1, 2; ¹⁵⁸⁷Atlas 53f11; Grun. 1334p.29; Cl. & M.
 No. 207; Castr. 1337p.160-5f4; Rattr. Cosc. p.491; Del. S. p.1250;
 " v. maculata, Grun.-Cl. & M. No. 133: (Cosc. l.)-
 LEPTOPUS, Grun.-V.H.S. pl. 13f5, 6; Jan. Gaz. pl. 5f4; Rattr. Cosc. p.476;
 Cl. & M. 114; Woll. pl. 90f6; Del. S. p.1219: -(C. lineatus, v.: -C. Macraealis)
 " v. discrepans, Rattr. Cosc. p.476-2f3; Del. S. p.1219:
 LEWISIANUS, Grev.-T.M.S. 1366p.73-3f3-10; Atlas 65f12; Atlantic City;
 Pant. I. p.70-25f232; 2p. 119; Rattr. Cosc. p.598; Woll. pl. 94f13;
 Del. Syll. p.1302;
 " v. Moronensis, Rattr. Cosc. p.598; Del. S. p.1302;
 " v. similis, Rattr. Cosc. p.598-3f10; Del. Syll. p.1302;
 LIMBATUS, E.-Abh. Ber. 1340p.206; W.B. p.131; Mg. pl. 20-11f29a,b; W.S.A. p.
 122; A.J.S. July 1356p.1; Prit. p.329; Rab. Alg. 2434, 2435; Jan. & R. p.
 7-4f1; Atlas 65f7: (C. marginatus; -Eupodis. tessellatus.)--
 LINEATUS, E.-Kreid. 1333p.73; 1340p.66-6f4; Amer. p.371, pls. I-3f20; 3-
 7f7, 3; Mg. pls. 35A-13f3; 39-3f21; Nord. p. -2f19; A.J.S. 1342p.95-2f
 12; July 1356p.1; W.B. p.131-1f10; W.S.A. p.123; Breb. D.C.: Rab. Alg.
 2431-2433; Weisse 1354p.240-1f2; Gu. p.306-1f20; Italy; Prit. p.330;
 Jan. Gu. p.20-1a,f4; Cl. 1363p.217; 1367p.662; Vega p.4; 1373p.13; Vega
 p.503; Grun. 1363p.26; Flogel, Baltic; Eiben, 1371; Sm. Sp. T. 35; O'M.I.
 D. p.264; Malaisie; Pet. Cat. p.33; Nimrod; Fortm. Cey. p.35; Lag. 1373
 p.11; Jan. Gaz. pls. 4f3; 20f14; Atlas 59f23-32; 114f13; V.H.S. p.217-
 1313; Shark River: Witt 1335p.25-10f6; Brun & T. p.71; Atlantic City;
 Mobile; Rattr. Cosc. p.472; Pant. 2, p.119; Woll. pl. 37f10; Del. Syll. p.
 1216: *Petit, Cap Horn*: (C. Ehrenbergii & leptopus.)---
 " v. oculata, Petit Nimrod p.7-3f5;
 " v. tenera, Witt 1333p.14-2f2; Cl. & M. 1544a,b; (C. angustatus, lineatus)
 LINEOLATUS, E.-Abh. Ber. 1372p.143; Rattr. Cosc. p.507; Del. S. p.1305;

- LIOCENTRUM, E.-Abh.Ber.1870p.53, pl.2-2f9; Rattr.Cosc.p.535; Wollé,
pl.38f30; Det.Syll.p.1259;
- LONGISPINUS, Grun.-Cl.& M.273; Det.S.p.1303;
- LUCTUOSUS, Grove.-Atlas 143f3; Rattr.Cosc.p.513-3f3,9; Det.S.p.1247;
- LUDOVICIANUS, Rattr.Cosc.p.596; Det.S.p.1300: (Janischia antiqua.)-
- LUNAE, E.-Abh.Ber.1844p.201; Mg.pl.35A-21f7; K.S.A.p.124; Prit.p.
828; Rattr.Cosc.p.567; Det.S.p.1280: (C.cyclosteres.)-----
- LUNATUS, Grove Hss.; Rattr.Cosc.p.522; Det.S.p.1250;
- LUTESCENS, Rattr.Cosc.p.533-2f2; Det.S.p.1230;
- LUXURIOSUS, Rattr.Cosc.p.455-1f13; Det.S.p.1205;
- MACRAEANUS, Grev.-T.M.S.135p.43-5f4; Rattr.Cosc.p.433; Atlas 143f3;
Det.S.p.1214: (C.leptodisc.)--
- MACROPORUS, Grun.1334p.32-4f25: (C.Molleri,v.)--
- MACULATUS, Grun.-Cl.& M.No.133;
- MARGARITACEUS, Cestr.1337p.134-13f3;
- MARGINATO-LINEATUS, A.S., Atlas 59f33; Rattr.Cosc.p.474; Wollé 94f13;
Det.Syll.p.1217:
- MARGINATUS, E.-Abh.Ber.1841p.142; 1870p.26; Amer.p.124; Mg.pls.13f44;
33-12f13; 33B-22f3; Nord.p.21-2f21; K.B.p.131-1f7; K.S.A.p.123; Car.
Ga.p.19-1a,f20; 2b,f4; Weisse 1354p.243-3f33; Ga.p. -1f21; Prit.p.
329; Breb.D.C.: Roper,Thames; Italy: O'M.I.D.p.264; Schm.N.D.p.94-
3f35; Sm.Sp.T.94; Atlas 32f1-5,9,11,12: 39f11: Fortm.Cey.p.37: Cl.&
M.sub Nos.114,164,215; Grun.1334p.20; Brun & T.p.71; Rattr.Cosc.p.
509; Wollé pl.112f3; Pant.2,p.116; Det.S.p.1241; J.Q.C.1885f.175;
(C.gigas,v.: -C.concavus, limbatus & fimbriatus-limbatus.)--
- " var."b", E.-Abh.Ber.1844p.78:
- " v.decussata, Rattr.Cosc.p.511; Det.S.p.1242: (C.robustus,v.)
- " v.intermedia, Rattr.Cosc.p.511; Det.S.p.1242; (C.robustus,v.)
- " v.latemarginata, Pant.1p.70-22f201; Rattr.Cosc.p.511; Det.S.p.1242;
- " v.SUBMARGINATA, A.S., Atlas 32f4; Grun.1334p.20: (C.robustus.)-
- MARGINULATUS, Grun.-Rattr.Cosc.p.501; Det.S.p.1233: (Cyclotella.)--
- " v.Campeschiara, Grun.-V.H.S.pl.94f33; Rattr.Cosc.p.501; Wollé,
pl.94f25; Det.S.p.1236: (=C.gigas?)
- " v.curvato-striata, Grun.-Atlas 57f5; V.H.S.pl.94f32; Rattr.Cosc.p.
501; Det.S.p.1236; Wollé pl.94f21,26;
- " v.Gallopagensis, Grun.-V.H.S.pl.94f30: (Cosc.marg.)---
- " v.sparsa, Grun.-V.H.S.pl.94f31; Rattr.Cosc.p.501; Det.S.p.1236;
- " v.stellulifera, Grun.-V.H.S.pl.94f34; Rattr.Cosc.p.501; Wollé pl.
94f27; Det.S.p.1236;
- MARTONII, Pant.1p.72-15f132; Rattr.Cosc.p.591; Notar.1333p.320;
Det.Syll.p.1293:
- MARYLANDICUS, Grun.-Cl.& M.213; Rattr.Cosc.p.503; Det.S.p.1307;
- MEGACENTRUM, Grove.-Rattr.Cosc.p.557-2f13; Det.S.p.1274;
- MEGACOCCEUS, Cestr.1337p.132-17f12; Rattr.Cosc.p.453; Notar.1339p.
752; Det.S.p.1205;
- MEGALOMMA, A.S., Atlas 134f33: .
- MEGAPORUS, E.-Abh.Ber.1831p.294; Rattr.Cosc.p.559; Det.S.p.1275:
(C.borealis,var.)--
- MESACMEUS, E.-Mik.1.131; Rattr.Cosc.p.507; Det.S.p.1307: -(C.131112.)-

70 miles E. Altus. 1872 p. 167-174
Oreog. (Trachymys).

- MESODICTYON, E., Mik.p.131; Rattr.Cosc.p.607; Del.Syll.p.1307;
 MESOLEIUS, Cleve Vega p.503-33f32; Rattr.Cosc.p.536; Del.S.p.1259;
 (C.Hauckii, var.)---
 MICANS, A.S., Atlas 139f2,3;
 MICROCENTRUM, E.-Abh.Ber.1372p.213; Rattr.Cosc.p.607; Del.S.p.1307;
 MINIMUS, Schum.1337p.32-3f72; Rattr.Cosc.p.600; Del.S.p.1304;
 (Cyclotella m.)----
 MINOR, S.B.D.Ip.23-3f36;
 (C.Smithii & decipiens; -Melosira nivalis.)--
 MINOR, E., Kreid.1339p.129-4f12e; 1340p.147-3f2; Amer.pls.2-4f3; 2-3f
 17; 3-7f3; Mg.pls.13f31; 19f3; 20-1f23; 21f5; 22f7; 33-14f4; 30-3f
 22; Breb.D.C.; Verm.p.10, f23; Nora.p.45-2f20,23; K.B.p.131-1f12,13;
 K.S.A.p.122; Weisse 1354p.241-1f4a,b; Gu.p. -1f22; Prit.p.33f; R.
 Alg.Eur.226f,243f,2437; Harting Band.p.3-1f2; R.E.D.p.34; Jan.Gu.p.
 20-2a,f6; London Clay; Roper, Thames; Mill; Grun.1363p.26; 1373p.23;
 Italy: Flogel, Baltic; Eiben, 1371; O'M.I.D.p.265-26f25; M.T.P.4-4-11;
 Atlas 53f39,40; 59f3; 113f9,10; Fortm.Cey.p.65; Petit Mimrod; Perag.
 p.76; Villef.p.76; Rattr.Cosc.p.565; Malaisie; Wollp.94f20; Del.
 Syll.p.1212; (Endietya Oceanica; -
 Orthosira Oceanica & angulata; -Melosira arg.; -Orth.nivalis; -Pyxidic.)
 MINUENS, Rattr.Cosc.p.460; Del.Syll.p.1209; (C.decrescens, Cast.)---
 MINUTELLUS, Rattr.Cosc.p.494-2f5; Del.Syll.p.1231;
 MINUTUS, K.B.p.131-1f14; K.S.A.p.122; Prit.p.33f; Neipauer Acetab.
 p.194-2f55; Schum.1337p.32-3f71; Rattr.Cosc.p.603; Del.Syll.p.1304;
 (Cyclotella.)-
 MIRIFICUS, Cast.1337p.154-3f6; Rattr.Cosc.p.555; Notar.1339p.752;
 Del.S.p.1259;
 MODESTUS, Rattr.Cosc.p.536-1f3; Del.Syll.p.1260;
 MOLLERI, A.S. Atlas 59f17; Grun.1334p.32; Rattr.Cosc.p.467;
 Del.Syll.p.1213;
 " v.macrospora, Grun.-Rattr.Cosc.p.467; Del.S.p.1214;
 MONICAE, Grun.-Atlas 63f10; Rattr.Cosc.p.553; Del.S.p.1273;
 (C.Janischii, var.)
 MORAVICUS, Grun.-Atlas 114f2; Rattr.Cosc.p.553; Part.2,1.113;
 Malaisie; Del.Syll.p.1274;
 MORONENSIS, Rattr.Cosc.p.453-2f16; Del.S.p.1207; (Cestodiscus.)-
 MOSLEYI, O'M.-Q.J.M.S.1375p.330; J.L.S.Vol.15p.57-1f3; Grun.1334p.27;
 Cast.1337p.153; (C.concinus, v.)
 MOSSIANUS, Grun.-T.M.S.1365p.23-4f22; Rattr.Cosc.p.523; Del.S.p.1234;
 NAVICULA, E.-Abh.Ber.1372p.1.12f15; (C.traudensis.)-
 NAVICULOIDES, Witt 1335p.14-2f10; Rattr.Cosc.p.575; Del.S.p.1301;
 NEOGRACENSIS, Part.1.74-2f13; 2,1.120; Rattr.Cosc.p.506; Del.S.p.1290;
 NITICULUS, Grun.-Jan.Gaz.1.3115; Atlas 53f20,21; 113f13; V.L.S.1.
 132f6; Cl.Vega p.503; Part.1.73-24f214; 2,1.119; Rattr.Cosc.p.431;
 Wollp.94f10,15; Malaisie; Del.S.p.1222; (C.angulatus, v.)---
 " var., A.S., Atlas 113f13;
 " v.subradians, Rattr.Cosc.p.430;

Wain d. 11. 12. 10.

- NITIDUS, Greg. D.C.p.27-2f45; Prit.p.331-3f13; Carr.p.94; Grun.1333p.104; Jan.Gaz.pl.5f12,14-15; A.Selm.N.C.p.94-3f32; O'M.I.C.p.233; Cl.1373p.6; 1373p.9; Vega p.433; Atlas 53f13; Lagr.1373p.12; Pet.Cat.p.33; Fortn.Cey.p.35; Breb.Verm.1.10; M.T.P.4-2-5; Mobile; V.I.S.pl.217-B,f41; J.Q.C.1335p.175; Perap.1.36; Villaf.p.75; Mart.1.73-13f13; 2,p.119; Rattr.Cosc.p.473; Malaisie; Wollé pl.94f22,23; Det.Syll.p.1221: *M.J.1867p.114*: (C.foetans is.)----
- * v.minor, Rattr.Cosc.p.479; Cl. & M.154 sub; Det.S.p.1221;
 - * v.Moronensis, Grun.-Rattr.Cosc.p.430-1f21; Det.S.p.1221;
 - * v.sparsa, Rattr.Cosc.p.479; Atlas 53f14; Det.S.p.1221;
 - * v.tenuis, Rattr.Cosc.p.479; Atlas 53f19; Det.S.p.1221;
- NOBILIS, Grun.-J.R.M.S.1379p.337-1f1; Jan.Gaz.pl.3f13; Rattr.Cosc.p.545; Det.S.p.1233: (C.cephalis.)----
- MODULIFER, Jan., Gaz.pl.2f4,5; Atlas 59f20-23; Pet.Nimrod; Cl. & M. Nos.57,155 sub; Rattr.Cosc.p.520; Malaisie; Wollé pl.94f7; Det.Syll.p.1249; *Petit, Cap Horn*:
- * v.apiculata, A.S., Atlas 59f20; Rattr.Cosc.p.520; Det.S.p.1249;
- NORMANNICUS, H.V.H.S.---(C.Normannii.)--
- NORMANNII, Greg.-J.Q.M.S.1359p.30-6f3; Prit.p.330; Carr.p.93; Hull; Jan.Gaz.5f6; O'M.I.C.p.232; Cl.1373p.31; V.I.S.pl.131f1; Det.S.p.501: - *Allen 57f9,10; Geshup 1897p.344*: (C.fasciculatus, radiatus, Normannicus; -C.subtilis, v.: -Odontodiscus.)--
- NOTABILIS, Rattray Cosc.p.533-2f3; Det.Syll.p.1295:
- NOTTINGHAMENSIS, Grun.-V.I.S.pl.129f2; Atlantic City; Rattr.Cosc.p.453; Wollé pl.94f24; Det.S.p.1205;
- OAMARUENSIS, Grove & Sturt.-J.Q.C.1337p.63; Rattr.Cosc.p.534-1f1; Bot.Cbht.Vol.34p.35; Notar.1337p.346; Det.S.p.1279:
- OBLIQUUS, ?; Det.S.p.1307:
- OBLIQUUS, Grev.-Rattr.Cosc.p.535-1f14; Det.S.p.1235: -(Cosmodiscus.)--
- OBLONGUS, Grev.-T.M.S.1366p.4-1f9,10; Atlas 53f10,11; W. & C.2p.4-5f4; Witt 1333p.14-2f16; Rattr.Cosc.p.537; Det.S.p.1230;
- OBNUBILIS, Rattr.Cosc.p.507; Det.S.p.1240: (C.umbonatus, Cast.)-
- OBVATUS, Cast.1337p.160-3f4; 22f9; 13f7; Rattr.Cosc.p.533; Det.Syll.p.1230; Notar.1339p.752:
- * v.circularis, Rattr.Cosc.p.533; Det.Syll.p.1234;
- OBVERSUS, Rattr.Cosc.p.554; Atlas 60f14; Det.S.p.1271:
- * v.tenior, Rattr.Cosc.p.554; Det.S.p.1270;
- OBSCURUS, A.S., Atlas 61f13; V.I.S.pl.129f4x; Grun.1334p.22; Malaisie; Brun & T.p.71; Rattr.Cosc.p.534; Det.S.p.1244: (Cestodiscus.)-
- * v.floreatus, Brun,1391p.23-20f22; Det.S.p.1244;
 - * v.minor, A.S., Atlas 61f17,13; Grun.1334p.22; Rattr.Cosc.p.534; Det.Syll.p.1244:
- OEANICUS, -K.S.A.p.126: (C.concavus; -Enuictya.)--
- OCULUS-IRIDIS, E.-Freid.1340p.67; Mg.pls.13f42; 19f2; A.O.S.1342p.95; July 1856p.2; K.S.A.p.125; weisse G.p.303-1f23; Bailey Coll.; Prit.p.323; Carr.p.93; Jan.G.p.19-1b,f3; 2a,f4; Gaz.pl.2f2; Heib.p.35; Reinhard; R.Alt.Nos.2437,2553; R.E.D.p.54; Italy; Cl.1337p.332; 1333p.217; 1373p.5; Java p.5; 1373p.13; Cl. & M.No.3; Vega p.433; Cl. & M. Sub Nos.159,162,215,253,259,273; N. & R.S.p.70; O'M.I.C.p.230-23f13;

Oc. - indicis, Oestrup 1897 p. 345: Cl. 1897 p. 22:

" var. hybrida, Gn. 1884 p. 79-3 f9:

oc. - indicis
" var. parviflora, Cl. M. 526 n. b. -

- Grün. 1333p. 23; 1334p. 24; Flöge, Baltic; Fortm. Cey. p. 63: Pat. Nimrod;
M.T.P. 4-2-I; M.M.J. 1373p. 1-2 If I-2 I supra; Atlas 56f3-5, 9, 10; 113f1,
2, 20; Lagr. 1373p. 11; Sm. Sp. 1. 92; Atlas 143f1, 2; Calif. p. 47; Doby p.
p. 14; B.S.B. 1330p. 3-If I-3, 7, 8, 14; 1335p. 16f1-If I-5; If 7-9, 3f "c"; 4f
44; Ann. S. Belg. 1333p. 1f I-5; 2f6-8; 4f1: 4f2a, 3; A.M.M.J. 1331p. 43;
J.Q.C. 1335p. 176; 1336p. 305; Carr. 1331p. 1f179; V.H.T. No. 523; Brin
& T. p. 71; Wolle pl. 36f4; Pant. 2p. 117: Malaisie; DeT. S. p. 1275:
(*C. marginatus*, v.; *C. centralis*, p. p.: - *C. radiatus*, v.) --
var., A.S., Atlas 63f6, 7;
v. borealis, Grün. 1334p. 25: Cl. Vega p. 433: (Cosc. b.) -
v. genuifera, Grün. 1334p. 25: (C. ocul.-iria.)
v. oculifera, Rattr. Rev. p. 562, If 2: DeT. S. p. 1267;
v. Morsiana, A.S., Atlas 63f9; Grün. 1334p. 25; Dattr. Cosc. p. 567;
DeT. S. p. 1276: (Cestodiscus radiatus.) --
v. Pacifica, A.S. Atlas 60f13; 6f15; Grün. 1334p. 25; Rattr. Cosc. p.
560: (Cosc. P.) --
v. stelliger, A.S. Atlas 63f13; Rattr. Cosc. p. 561; DeT. S. p. 1273;
v. subspinos, A.S., Atlas 63f4; Grün. 1334p. 25; Rattr. Cosc. p. 561;
DeT. S. p. 1276:
v. tenuistriata, Grün. 1334p. 25; Rattr. Cosc. p. 561; DeT. S. p. 1276:
ODONTODISCUS, Grün. 1333p. 26; Cl. & M. Nos. sub 57, 162, 237; Grün. 1334p. 29-
3f23; Rattr. Cosc. p. 435; DeT. Syll. p. 1226;
(*C. odontodiscus*, v., & *subtilis*, v.: - *Odontodiscus* Spica & Uland.) -
v. subsubtilis, Rattr. Cosc. p. 433; Atlas 57f14; DeT. S. p. 1225:
ODONTOPHORUS, Grün. 1334p. 33-3f24; Rattr. Cosc. p. 493; DeT. S. p. 1264:
(*C. subtilis*, var.) --
OMPHALANTHUS, E.-Abh. Ber. 1344p. 233: W.S.A. p. 125; Prit. p. 323; Sm. Sp. 1.
96; M.T.P. 4-2-2; V.H.T. 525: Shark River; Wolle pl. 37f3; Atlas 63f2:
(*C. asteromphalanthus* & *oculus*, ir.)
OVALIS, Roper. - M.J. 1353p. 2f1-3f4; Prit. p. 33f1-5f73; Carr. p. 93; Sm. Sp. 1.
96; Hull; Breb. D.C.: Fortm. Cey. p. 37; Castr. 1337p. 154-17f13; Rattray
Cosc. p. 502; DeT. S. p. 1304; (Actinocyclus & *Enodiscus* Roper.)
OVALIS, Grev. - Rattr. Cosc. p. 160; DeT. Syll. p. 1203: (Cestodiscus.) -
OVICENTRUM, Grove. - Atlas 134f5, 7:
PACIFICUS, Grün. - Atlas 60f13; Rattr. Cosc. p. 563; DeT. S. p. 1277:
(*Cosc. oculus*-i., var. P.)
PACIFICUS, Castr. 1337p. 153-3f5; 22f1; Notar. 1339p. 750: - (*C. irregularis*)
PALEACEUS, Rattr. Rev. p. 597; DeT. S. p. 1301: (Stoschia.) -
PANTOCSEKII, DeToni, Syll. p. 1265: (C. weissflogii, Pant.)
PAPUANUS, Castr. 1337p. 154-3f5; (C. concinnus, v.) ---
PARMA, DeT. S. p. 1304; Lens, Vol. 1. p. 252: (Stictodiscus Calif.)
PATRIRUS, Grove. - Rattr. Cosc. p. 505-3f5; Cl. & M. 114, 162 sub;
DeT. Syll. p. 1239:
v. nebulosa, Grove. - Atlas 163f5;
PIELLAEFORMIS, Grev. - T.M.S. 1331p. 30-10f4; Rattr. Rev. p. 537;
DeT. Syll. p. 1260: (C. detritus.) --
PATERA, Castr. 1337p. 155-2f6; Rattr. Rev. p. 592; Notar. 1339p. 755;
DeT. S. p. 1293:

+ polyacanthus, Cestrum 1897 p. 244:

> polychordus, Gran N. E. p. 30-2 f 33: 4 f 56: Cl. 1897 p. 23:
(b. lineatus, Cl. p. p.) —

- PATINA, E.-Kreid. I333p. I29-4f10-I2; I339p. 37-3f3; Mg. pl. 20-1f1; A.S. I343p. 93-2f13; K.B.P. I31-1f15; K.S.A.p. I23; weisse I334p. 241-1f1; Gu.p. 303; Prit.p. 330; R.E.D.p. 34; Eiben, I371; Jan.Gaz.pl. 5ff; Rattr. Cosc.p. 527; Wolle 74f6, 7; Del.Syll.p. I253; (C.cinetus.) ---
 PAUPER, Witt I333p. I3-2f11; Rattr.Cosc.p. 534; Del.S.p. I293;
 PAYERI, Grun. I334p. 23-3f12, I3; Rattr.Cosc.p. 433; Del.S.p. I224;
 * v. subrepleta, Grun. I334p. 23-3f14, I5; Rattr.Cosc.p. 433; Del.Syll.p. I224;
 PECTINATUS, Rattray Cosc.p. 519; Del.S.p. I247; (C. decipiens, Grun.)-
 PELLUCIDUS, Grun.-Cl. Vega p. 433; Cl. & M. I72 sub; V.H.S.pl. I32f3; Malaisie; Rattr.Cosc.p. 530; Del.S.p. I290; (Odontodiscus.)
 PERAGALLOI, Pant. 3p. -33f471; Del.Syll.p. I305;
 PERFORATUS, E.-Abh. Ber. I344p. 73; Mg. pls. I3f43; 33-I4f3; K.S.A.p. I23; S.B.D.2, p. 35; Bailey Coll.: Weisse Gu.p. -1f24; Prit.p. 329; Carr.p. 93; London Clay; Hull: O'M.I.D.p. 261; Atlas I334p. 25-34f12-I4; Atlantic City; Malaisie; Grun. I334p. 25; Rattr.Cosc.p. 571; Wolle pl. 37f9; Del.S.p. I233; (C. apiculatus, p. 1.: -C. Woodwardii, p. 1.)--
 * v. cellulosa, A.S., Atlas 30f12; I14f5, 6; Jan.Gaz. 4f3, 7; Sm.Spl. 1. No. 90 sub; Grun. I334p. 23; Rattr.Cosc.p. 572; Del.S.p. I234;
 * v. delicatula, Rattr.Cosc.p. 572; Del.Syll.p. I234;
 PERIOMPSOS, Rattr.Cosc.p. 573-3f12; Del.S.p. I237; -(Cosmodiscus elegans)
 * v. curta, Rattray.Cosc.p. 573;
 PERMINUTUS, A.S., Atlas 59f7; Rattr.Cosc.p. 537; Del.S.p. I230;
 PERUANUS, A.S., Atlas 53f43; Grun. I334p. 33; Rattr.Cosc.p. 474; Del.Syll.p. I217;
 PETHOI, Pant. 3p. -21f313; Del.Syll.p. I305;
 PILEOLUS, A.S., Atlas I43f3;
 PLANIUSCULUS, Jan., Gaz. pl. 3f12; Rattr.Cosc.p. 490-1f22; Del.Syll.p. I229; (C. billatus.)--
 PLICATULUS, Grun. I334p. 34-4f27; Rattr.Cosc.p. 532; Del.S.p. I291;
 PLICATUS, Grun. I334p. 21, 34-3f10; Atlas 59ff; Rattr.Cosc.p. 530; Del.S.p. I253;
 POLYRRHAPTOS, Rattr.Cosc.p. 593-3f4; Del.S.p. I300;
 POLYACANTHUS, Grun. I373p. 23; I334p. 29; Cl. I330p. I12-7f127; Vega p. 433; Dannf.p. 47; Rattr.Cosc.p. 493; Del.S.p. I234; (Odontodiscus.)--
 * v. Baltica, Cleve I330p. I12; Grun. I373p. 29; I334p. 29-3f17; Rattr. Cosc.p. 493; Del.Syll.p. I234;
 * v. brevis, Grun. I334p. 29-3f19; Rattr.Cosc.p. 499; Del.S.p. I234;
 * v. intermedia, Grun. I334p. 29-3f23; Rattr.Cosc.p. 499; Del.S.p. I235;
 POLICORA, weisse.-Abh. Ber. I372p. : Rattr.Cosc.p. 500; (C. minor, p. 1.: -Pyxidicella.)--
 POLYGONUS, Castr. I337p. I61-22f3; Rattr.Cosc.p. 534; Notar. I339p. 750; Del.S.p. I292;
 POLYRADIATUS, Castr. I337p. I61-3f4; Del.S.p. 476;
 POLYSTIGMA, E.-Abh. Ber. I343p. 271; I344p. 73; K.S.A.p. I24; (Auliscus.)
 PRAETEXTUS, Jan., Gaz. pl. 3f4; Rattr.Cosc.p. 462;
 PRAECLARUS, A.S., Atlas I63f7;
 PRAETOR, Grove.-Rattr.Cosc.p. 546-3f2, 3; Del.S.p. I267;

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- PROFUNDUS, E. - Abh. Ber. 1354p. 233; Mik. pls. 35B, 4b, f8: 35B-4c, f"b";
Prit. p. 330; Italy; Rattr. Cosc. p. 503; Det. Syll. p. 1241;
PROTEUS, Hardmann. - Rattr. Cosc. p. 457; Det. S. p. 1255: (Coscinoideus.) -
PSEUDOLINEATUS, Pant. II. 73-9f77; Rattr. Cosc. p. 475; Notar. 1333. 320:
Det. Syll. p. 1213;
PULCHELLUS, Grev. - T.M.S. 1366p. 3-1f7; Rattr. Cosc.
p. 469; Det. S. p. 1214: (Coscinoideus?) -
" v. Moravica, Pant. 2, p. 120 *pe. 27f260*:
PULCHERRIMUS, Rattray Cosc. p. 532-2f1: Det. Syll. p. 1291;
PUMILIO, E. - Abh. Ber. 1372p. 167; Det. S. p. 1307;
PUMILUS, Grun. - Rattr. Cosc. p. 603; Cl. & M. No. 216; Det. S. p. 1307;
PUNCTATUS, E. - Abh. Ber. 1344p. 73; Mg. pl. 13f40, 41; V.S.A. p. 124; Italy:
Prit. p. 330; Sm. Sp. 1.97; Cl. & M. 57; Rattr. Cosc. p. 547; wolle pl. 103f
II, 12: Det. S. p. 1267:
" v. rhombica, Rattray Cosc. p. 547; Det. S. p. 1257: (Cosc. r.) -
PUNCTULATUS, Greg. D.C. p. 23-2f46; Prit. p. 331; Carr. p. 95; Italy: O'M. I.
D. p. 263; Rattr. Cosc. p. 594; T.M.S. 1357p. 33-1f43; Det. S. p. 1299:
Pyxidicula Adriatica.) --
PUSILLUS, Grove. - Rattr. Cosc. p. 459-2f10; Det. S. p. 1203: -(A'cyclus.)
PYGMAEUS, Br. & Per. - Herib. p. 193-1f9; 5f17, 18;
" v. crassipunctata, Brun & H. - Herib. p. 226:
" v. micropunctata, Per. & H. - Herib. p. 194-5f19:
PYXIDICULA, V.S.A. p. 126; M.D. pl. 43f21; Rattr. Cosc. p. 601:
(Craspedodiscus elegans; -Crasp. & Pyxidicula coscinoideus.)
PYXIS, E. - Mik. pl. 33-13f3x; Rattr. Cosc. p. 601; Det. Syll. p. 1304;
(Gaillonella sculpta.) --
RADIATUS, E. - Abh. Ber. 1340-3f1; 1370p. 26, pl. 2-1f24; Amer. p. 124; V. p. 19.
19f1; 20-1f27; 21f1; 22f3; 33-13f2, 2x; 33-13f3; 35A-17f6; 39-3f17;
Nord. p. 21-2f17; A.J.S. 1342p. 95-2f14; V.B. p. 132-1f13; V.S.A. p. 124; S.
B.C. p. 23-3f37; Prit. 1352pl. 14f39; 1361p. 330-11f39, 40; weisse 1354p.
240-1f1; Gu. p. 12-1f25; Bail. Coll.: Breb. D.C.: Verm. p. 10; M.D. pl. 13f
32; T.M.S. 1360p. 43-2f22; Edw. N. 4. pl. 1f10; Jan. Gu. p. 19-1a, f24; R.E.C.
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662; 1368p. 218; Nares: 1373p. 5; 1373p. 18; Cl. & M. II 4 Nos. 57,
155, 207, 215, 257 sub; Floegel, Baltic; Vega 14. 433, 509; Herib. p. 194;
O'M. Erg.: I.D. p. 262; Lagr. 1373p. II: Atlantic City; A. Schm. N.D. p. -
3f24; Atlas 60f5-7, 9, 10; 62f13; 65f3; 11313; Shark River; A.J.M. 1377
p. 101; M.T.P. 4-2-3; Fortn. Cey. p. 67; Sn. Sp. 1.93; V.H.S. p. 215-12915;
T. No. 529; J.Q.C. 1335p. 175; 1337p. 167; Deoy Polun p. 14; Brun & T. p.
71; Castr. 1337p. 165; Perag. p. 73; Villef. p. 76; Rattr. Cosc. p. 514; Pant.
2, p. 116; wolle pls. 31f7; 90f3; Malaisie; Herib. p. 194; A.M.S. 1392p.
330 cum icone; Det. Syll. p. 1241; J.R.M. 1384p. 667-9f23-28:
(Carpus, A.S., -Caspian & gigas; -Perithyra denaria.)
" forma heterosticta, Pant. II. 70-20f134; 2, p. 116: (C. m. d. g.)
" v. abyssalis, Castr. 1337p. 165-29f2, II, 15; Rattr. Cosc. p. 516:
Villef. p. 76: (Var. subaequalis.) --
" v. asteromphalus, Grun. - V.H.S. p. 217: (Cosc. a.)

- v. *concinna*, V. d. S. p. 217; (Cosc. c.) -
v. *clavata*, Wallich. - Rattr. Cosc. p. 513; T. d. S. p. 1309. 43-2122;
Villaf. p. 76; Det. S. p. 1247;
v. *glacialis*, Rattr. Cosc. p. 516; Det. Syll. p. 1243; -(C. borealis, p. p.) ---
v. *irregularis*, Grun. 1334p. 20; V. d. S. p. 1291f; Rattr. Cosc. p. 513;
Det. S. p. 1243;
v. *media*, A. S., Atlas 60f10; Grun. 1334p. 20-3f2; Atlas II3f2I;
Det. Syll. p. 1246; *Petit, Cap Horn*
Rattr. Cosc. p. 513; (C. radiatus, p. p. : -C. radiolatus, p. p.)
v. *minor*, Rattr. Cosc. p. 517; Det. S. p. 1246; -(C. radiatus, v. parva, & v. i.)
v. *oculus-iridis*, V. d. S. p. 217; (Cosc. oc. - i.) ---
v. *parva*, Grun. 1372pl. 4f16; 1334p. 20; -(C. devius, minor & parva.)
v. *subaequalis*, Grun. 1334p. 20-3f3; Atlas II3f15; Rattr. Cosc. p. 513;
Part. p. 70-22f203; 2, p. 113; Det. Syll. p. 1245; (Var. *aequalis*.) ---
RADIOATUS, E. - A. d. p. 13. I-3f19; 2-3f3; V. d. p. 13. 13133; 22f1; 39-3f13; ~~4-1~~
W. B. p. 132-29f9I; W. S. A. p. 124; Italy: weisse 1354p. 24I-1f17; Gu. p. 1
If23; Prit. p. 330; Jan. & R. p. 3-4f10; Gu. p. 20-2b, f17; R. d. p. 34; 39.
Kerg.; I. d. p. 262-26f22; Atlas 57f47; 50f11; Petit Nimboa; Cat. p. 39;
Rattr. Cosc. p. 605; Wille pl. 94f3; Det. S. p. 1305;
(C. argus, v. : -C. fimbriatus, p. p. : -C. radiatus, p. p.) -
RADIOPUNCTATUS, Harting Banda p. 3-If3; Rattr. Cosc. p. 594; Det. S. p. 1290;
RADIOSUS, Grun. 1334p. 20; Jan. Gaz. pls. 5f9; 6f4; V. d. S. p. 132f7; J. R. C.
1337p. 63; Rattr. Cosc. p. 520; Wille pl. 94f11; Det. S. p. 1249; -(C. vulgaris
v. *Kerguelensis*, Rattray Cosc. p. 521; Det. Syll. p. 1249;
REGINA, Wall. - J. R. M. S. 1379p. 633; Det. S. p. 1305; -(C. regius & rex.) -
REGIUS, Grun. - J. R. M. S. 1379p. 615;
REMIORNIS, Cast. 1337p. 150-12f12; Rattr. Cosc. p. 513; Notul. 1333;
1753; Det. S. p. 1237; (Stoschia admirabilis.) ---
REX, Wallich. - J. R. M. S. 1379p. 633; Pet. liste p. 74; Atlas II4f7; Rattr.
Cosc. p. 563; Det. Syll. p. 1231; (C. regina.) ---
RHOMBICUS, Cast. 1337p. 164-22f11; Atlantic City; Det. S. p. 1231;
(C. punctatus, v.) ---
RHOMBICUS, Grun. - Rattr. Cosc. p. 563; (Cosc. rhombicus.)
ROBUSIUS, Grev. - T. M. S. 1336p. 3-If3; London Clay; Jan. Gaz. 4f10, II; J. R.
C. 1335p. 175; Atlas 62f5, 6, 10, 17; Grun. 1334p. 10; Witt 1333p. 14-3f5;
Atlantic City; Sm. Sp. 1. 99; Rattr. Cosc. p. 511; Wille pl. 37f5, II; Part.
2, p. 117; Det. Syll. p. 1243;
(C. Vinkeriarius & velatus; -C. marginatus, v. submargin.) ---
v. *amoena*, Brun & T. p. 71;
v. *fragilis*, Rattray Cosc. p. 512; Det. Syll. p. 1246;
v. *intermedia*, Grun. 1334p. 20; (C. marginatus, var. i.)
v. *Kittoniana*, Rattr. Cosc. p. 512; Det. S. p. 1243;
ROTHI, Grun. 1373p. 23; 1334p. 29-3f20a, b, 22; Cl. p. 13. 57; V. d. S. p. 1
213; T. Nos. 532, 533; Villaf. p. 75; Rattr. Cosc. p. 502; Det. S. p. 1230;
(C. subtilis, var. R. : -deterostephania.) - *Petit, Cap Horn*;
v. *actinocyeloides*, Rattr. Cosc. p. 503; Det. S. p. 1237; (Cosc. a.)
v. *grandiusecula*, A. S., Atlas 57f25; Rattr. Cosc. p. 503; Det. S. p. 1237;
v. *Singaporensis*, Rattr. Cosc. p. 503; Det. S. p. 1237;
v. *Bengalensis*, Grun. - *Petit, Cap Horn*; Sm. 1884p. 29-3f22.

+ Sol., M. M. J. 1877 p. 63-172 f 6:

+ stelluris, Cl. 1897 p. 23: (C. subtilis, Cl., p.p.: - C. symbol., Gn., p.p.)

- ROTULA, Grun.-Atlas 57f6,7; Rattr.Cosc.p.566; Wollé pl.94f17;
 Del.Syll.p.1230:
 RUDIS, Castr.I337p.162-22f4; Rattr.Cosc.p.601; Del.Syll.p.1305;
 (Stephanopyxis.)---
 SARMATICUS, Part.II.74-3f62; Rattr.Cosc.p.643; Wall.I337p.62f;
 Del.Syll.p.1263;
 SCINTILLANS, Grev.-M.J.I333p.320-9f3; Sm.Sj.1.99; Villaf.p.75;---C.
 Apollinis:---A.Schm.N.D.p.94-3f33--C.Apollinis, var.)--
 SECERNENDUS, A.S., Atlas II4fI; Rattr.Cosc.p.558; Wollé pl.90f2;
 Del.S.p.1274;
 SEMIPENNATUS, Grun.I334p.3I; Atlas 57f32; Rattr.Cosc.p.434;
 Del.Syll.p.1225;
 SENARIUS, A.S., Atlas 57f24; Atlantic City; Rattr.Cosc.p.505;
 Del.S.p.1256;
 SEPTENTRIONALIS, Grun.I334p.33-4f23,33; (C.lacustris, v.)-
 SIMBIRSKIANUS, Grun.I334p.29; Atlas II3fII, I2; Rattr.Cosc.p.439;
 Part.2, I.II3; Del.S.p.1223;
 ' v.irregularis, Part.2p.II3-30f4I9; Del.S.p.1229;
 SINENSIS, O'M.-M.J.I379p.122; Rattr.Cosc.p.605:-(
 (C.aurora & mirificus.)
 SMITHII, O'M., I.D.p.262; Rattr.Cosc.p.605:-(C.minor; -Melos.nivalis.)--
 SOL, Wall.-T.M.S.I330p.33-2fI,2; Prit.p.330; Atlas 53f45; V.I.S.pl.
 I29f3; Grun.I334p.32; Rattr.Cosc.p.456; U.S.N.S.I330.III: Malaisia;
 Wollé pl.74f2,4; Del.S.p.1212:-(Cestoidiscus; -Planktoniella.)--
 ' var., A.S., Atlas 53f4I,42,(46-48=C. exant.) (C.sol)-
 SPHAEROIDALIS, Rattr.Cosc.p.45I-IfI5; Del.S.p.120I:
 ' v.cincta, Rattr.Cosc.p.45I; Atlas 63f6; Del.S.p.1202;
 SPINIFER, Gro. & Start.-Bot.Cent.I333p.35; Atlas I34f2; Rattr.Cosc.
 p.535; Del.S.p.1293; (C.elegans, v.)-
 SPINULIGER, A.S., Atlas 63f3; II3f9; Rattr.Cosc.p.564; Del.S.p.1273;
 (C.asteromphalus, v.)---
 SPINULOSUS, E.-Abh.Ber.I345p.154; Mg.pl.33B-22f9; Rattr.Cosc.p.456;
 Del.S.p.1206; (Stephanopyxis.)
 SPIRALITER-PUNCTATUS, Part.2p.II9-I5f266; Del.S.p.130I:
 SPLENDICULUS, Rattr.Cosc.p.576; Del.S.p.1236;
 (Cosmoidiscus Normannianus)---
 SPLENDIDUS, Grev.-T.M.S.I365p.44-5f3; Atlas 65fII; Rattr.Cosc.p.456;
 Del.Syll.p.1214;
 STELLARIS, Roper.-Q.U.M.S.I353p.2I-3f3; Prit.p.323-5f23; Carr.1.93;
 O'M.I.D.p.26I; Rattr.Cosc.p.493; Atlas I64f4; Del.S.p.123I;
 ' v.fasciculata, Castr.I337p.I55-3f2; 5f9; Rattr.Cosc.p.493:-(C.stell.)
 ' v.Mejillonis, Grun.I334p.30; Rattr.Cosc.p.494; Del.S.p.1232;
 STELLIGER, Grun.-Atlas 53fIO; Rattr.Cosc.p.566; Wollé pl.94fI9;
 Del.Syll.p.1230;
 STOKESIANUS, Part.II.72-27f257; 2, I.I20; Rattr.Cosc.p.457; Del.Syll.
 p.1206; (Cestoidiscus.)
 ' forma Balajickiana, Part.I, I.73: Grun.
 ' minor, Grun.-Part.I p.73; (C.stell.) Rattr.Cosc.p.493

subtilis, E. - Cl. 1896 (3) 1^o, 5; (C. stellaris.)

- STRIATUS, K.B.p.I31-If3; V.S.A.p.I22; Prit.p.329; Jan.& R.p.3-4f4;
Jan.Gu.p.20-1a,f5; R.E.D.p.34; Eibef,I37I: Rattr.Cosc.p.603; Rabh.
Alg.Eur.I697 sub: (Cyclotella s., var. intermedia.) ---
STIGILLATA, Witt.-Atlas I33f20: (Cyclotella striata.) --
SUBANGULATUS, Grun.I334p.2I: Rattr.Cosc.p.520; Det.S.p.I243;
SUBAREOLATUS, Rattray Cosc.p.454-If10: Det.Syll.p.I204;
SUBAULACODISCOTICALIS, Rattr.Cosc.p.52I; Atlas 57f3; Det.S.p.I249;
SUBCONCAVUS, Grun., Atlas 59f12, I3; 62f17; Brun & T.p.7I; Malaisie;
Rattr.Cosc.p.466; Wollé pl.3If10; Det.S.p.I213;
" v.tendior, A.S., Atlas 59f15; Rattr.Cosc.p.457; Det.S.p.I213;
SUBDIVISUS, Witt I833p.I4-2f13; Rattr.Cosc.p.537; J.D.C.I390p.203;
Det.Syll.p.I204;
SUBGLOBOSUS, Cl.& Gr.-Grun.I334p.32-4f19, 20; Atlas 58f44; Cl.Vega p.
488; Nares; Cl.& M.I72, 302, 319; Rattr.Cosc.p.43I; Det.S.p.I223;
SUBLINEATUS, Grun.I334p.33-4f21, 22; Atlas I33f7; Rattr.Cosc.p.477;
Det.S.p.I217: (C. excentricus, v.) --
SUBMITIDUS, A.S., Atlas 58f16; Rattr.Cosc.p.45I; Det.Syll.p.I206;
SUBNOTABILIS, Rattr.Cosc.p.539-If3; 2f13; Det.S.p.I296;
" v.marina, Rattray Cosc.p.539; Det.Syll.p.I296;
SUBOCULATUS, Rattr.Cosc.p.533; Atlas 5If3; Wollé pl.90fII:
Det.S.p.I273;
SUBSALSUS, Dannf.p.47-3f33; Rattr.Cosc.p.593; Det.S.p.I293;
SUBTILIS, E.-~~Abh.~~ p.4I2, pls.I-3f13; 3-7f4; Mik.pls.I3f35a, b; 33-I304;
33-I3f7; 34-7f6; 35A-22f5; 35A-23f5; Abh.Ber.I370pls.2-2f3; 3-If2;
Nord.p.24-2f16; K.B.p.I32-IfII; V.S.A.p.I24; A.J.S.July I356p.I: M.
J.I359p.8I; Rabh.Alg.Eur.Nos.2I42, 2437, 2553; Prit.p.330; Weisse Gl.I.
pl.IIf27; Jan.Gu.p.20-If2; Gaz.pl.2f3; 4fI, 2; 5f5, 7; 6fI, 5; 20f5;
Eul.Sp.1.Nos.30, II5; Jan.& R.p.4-If2; Neudauer p.I96-3f53; London
Clay; N.& R.S.p.70; R.E.D.p.34; O.M.Verg.: Atlas 57fII-I4, 23, 29; 53f
37; Malaisie; Sm.Sp.1.No.I00; Petit Cat.p.39; Nimrod; Cl.& M.Nos.57,
I25, I64, 207, 257, 253, 319; Nares; I330p.I5; I373p.6; Vega p.433; Grun.
I373p.24-4fI7; I334p.29-3f23; A.J.M.I377p.I03; I373p.I33, 247; V.H.
S.p.2I3; T.Nos.5I9, 520; Brun & T.p.7I; Villef.p.76; Shark River;
Witt I335p.24; Rattr.Cosc.p.494; Wollé pl.94f3, 9; Det.S.p.I232;
(C. Normannii: Melosira neritica.) ---
" vars., A.S. Atlas 57f15, I6: (C. occulta) --, Grun.I334pp.30, 56;
" v.glacialis, Grun.I334p.56-3f27: (Cosc.g.)-
" v.lineolata, Rattr.Cosc.p.497-If16; Det.Syll.p.I233;
" v.NORMANNII, V.H.S.p.2I3: (Cosc.N. & fasciculatus.)-
" v.Rothii, V.H.S.p.2I3: (Cosc.R.: heterostephanus.) ---
" v.scabra, Rattr.Cosc.p.497-3f6; Det.S.p.I233;
" v.Sibirica, Grun.-Cl.I330p.II5; Rattr.Rev.p.496; Det.S.p.I233;
SUBTILISSIMUS, E.-Abh.Ber.I36Ip.23I: Rattr.Cosc.p.487; Det.S.p.I207;
SUBVELATUS, Grun.-Atlas 65f9; Wollé pl.90fII:-(C. hercynis & robustus.)
SUPERBUS, Harum.-Rattr.Cosc.p.453; Det.S.p.I207:-(Coscod. pulchellus.)-
" v.Moravica, Rattr.Cosc.p.459; Det.S.p.I208:-(Coscod. pulchellus.)-
" v.Nova-Zealandica, Grove.-Rattr.Cosc.p.459-2f15; Atlas I4If7;
I63f3; Det.Syll.p.I208;

+ Symbiolophorus, Gn. - (C. stellaris, fide Cl.)

- SUSPECTUS, Jan.-Atlas 59f2; Grun. I384p.33; Rattr.Cosc.p.480; Wolle pl.87f7; Malaisie; Del.Syll.p.1222;
- SYMBOLOPHORUS, Grun. I384p.30-4f3-6; Atlas I33f1-3; Rattr.Cosc.p.492; Brun & T.p.71; Pant.2,p.II3; Del.S.p.1230; (Symbolophora, species omnes, sed "trinitatis.")---
 " v.Oamaruensis, A.S., Atlas I33f4,5;
- SYMMETRICUS, Grev.-T.M.S. I33Ip.33-3f2; London Clay; Atlas 57f25-27; Grun. I384p.29; Atlantic City; Brun & T.p.71; Malaisie; Rattr.Cosc.p.490; Wolle pl.94f2; Pant.2,p.II3; Del.Syll.p.1229; (C.Rothii, p.f.: -C.Szontaghii.)
 " v.denarius, A.S.-Cl. & M. I33 sub; (C.denarius.)--
- SZABOI, Pant.Ip.74-I3fI67; (C.Hungaricus, v.)---
- SZONTAGHII, Pant.Ip.72-I5fI33; 23f273; (C.curvatulus, v.genuina; -C.symmetricus.)----
- TABULARIS, Grun.-Rattr.Cosc.p.533; Grun. I384p.34; Del.S.p.1292;
- TABULATUS, Temp. & Br.-Atlas I64f1;
- TEMPEREI, Brun.-Atlas I63f9; Brun I89Ip.33-7f2; Del.S.p.1255;
- TENELLUS, E.-Abh.Ber. I354p.233; Prit.p.330; Rattr.Cosc.p.504; Del.Syll.p.1305; (C.subtilis.)--
- TENERRIMUS, E.-Abh.Ber. I372p.203; Rattr.Cosc.p.603; Del.S.p.1307;
- TENUIS, L.W.B.-B.O.N.H. I36Ip.333-7f7; (C.concinus; -Eupodiscus.)----
- TENUIS, Grun.-Rattr.Cosc.p.577; Del.S.p.1237; (Cosmoidiscus.)
- TENUISCULPTUS, Rattr.Cosc.p.452; Del.S.p.1202; (Stoschia punctata.)
- THESKELOS, Rattr.Cosc.p.565-2fI9; Del.Syll.p.1279;
- THUMII, Cl.-J.Q.C. I385p.175-I3fI7; Atlas II4f20; Rattr.Cosc.p.533; Del.Syll.p.1292;
- TRADUCENS, Rattr.Cosc.p.523; Del.S.p.1254; (C.nebula.)----
- " v.hisida, A.S., Atlas 53f33; Rattr.Cosc.p.529; Del.S.p.1254;
- TRANSYLVANICUS, Pant.3p. -3fI39; Del.S.p.1305;
- TRINITATIS, Rattr.Cosc.p.592; Del.Syll.p.1293; -(Cest.pilchellus & t.)-
- TROCHISKOS, Witt I383p.14-2fI4; Rattr.Cosc.p.567; Del.S.p.1231;
- TUBERCULATUS, Grev.-T.M.S. I36Ip.42-4f6; London Clay. p.37; Atlas 57f42; Grun. I384p.30; Rattr.Cosc.p.432; Del.Syll.p.1223;
 " v.Monicae, Grun. I384p.30-3f29; Atlas 57f40,41; Rattr.Cosc.p.432; Del.Syll.p.1223;
- TUBIFORMIS, Brun & T.p.34-7f6; Del.S.p.1215;
- TUMIDUS, Jan., Gaz.pl.3f6; Atlas 59f33,39; Malaisie; Grun. I384p.33; Rattr.Cosc.p.475; Del.S.p.1213;
 " v.fasciculata, Rattr.Cosc.p.476; Del.S.p.1219;
- TURGIDUS, Rattr.Cosc.p.455; Del.S.p.1204; (C. ...)
- UMBONATUS, Greg.D.C.p.23-2f43; Prit.p.330; Jan.Gu.p.21-2f5; Carr.p.93; Rattr.Cosc.p.565; Del.S.p.1279;
- UMBONATUS, Casti. I337p.153-2f3; (C.umbilis.)-
- UNCATUS, Cl.-Pant.Ip.74-7f39; 27f252; 2,p.120; Rattr.Rev.p.577; Del.Syll.p.1233; (A'eyelis.)
- UNDULANS, Rattr.Cosc.p.552; Del.S.p.1270; (C.undulatus, Casti.)
- UNDULATUS, Cl.-N.L.K.D.p.20-5f60; Rattr.Cosc.p.587; Del.S.p.1293;
- UNDULATUS, Castr. I387p.159-3f3; (C.undulans.)--

> vesiculosus, Br. - L. D. 2, n. 16 p. 76-6 f 21, 22: - (Stephanodiscus? -)

- VACUUS, Rattray Cosc.p.535; Atlas 53f29; Det.Syll.p.1259; -(M.lesina.)-
 VARIOLATUS, Castr.1337p.155-2f5; (C.denarius,v.)-
 VARIUS, Schum.1337p.32-3f76; Rattr.Cosc.p.604; Det.S.p.1305;
 VELATUS, E.-Abh.Ber.1344p.73; Mik.pl.13f37; K.S.A.1.24; Weiss G.1.
 -If23; Prit.p.330; Atlas 32f10-12; Rattr.Rev.p.509; Italy; Wille
 pl.90f7,8; IIIIf12; Det.S.p.1241; (C.turgidus,)-
 VENULOSUS, Castr.1337p.162-17f1; Rattr.Cosc.p.457; Notar.1337p.734;
 Det.Syll.p.1206;
 VEUSTISSIMUS, Pant.Ip.71-20f136; Cl.& M. sub Nos.57,155,156,162,164;
 Bot.Cblt.Vol.34,p.35; Rattr.Rev.p.477-2f17; Notar.1333p.621; Det.
 S.p.1220; (C.inaqualis.)
 v.curvatuloides, Grove Mss.; Rattr.Cosc.p.476; Cl.& M. Nos 57,
 164 sub; Atlas 163f6; Det.S.p.1220;
 VICINUS, Schum.1334p.61; (C.patina & radiatus.)---
 VIGILANS, A.S.,Atlas 114f11,12; Brun & T.p.71; Pant.Ip.119; Rattr.
 Cosc.p.467; Det.Syll.p.1213;
 VULGARIS, Schum.1337p.32-3f74; Rattr.Cosc.p.605; Det.Syll.p.1305;
 (C.radius.)-
 WALLICHIANUS, Grun.-Cl.& M.No.183; Rattr.Cosc.p.608; Det.S.p.1307;
 WEISSFLOCHII, Pant.2p.117-24f356; (C.Partoeschii.)----
 WEISSFLOCHII, Rattr.Cosc.p.565-If25; Det.Syll.p.1279;
 WEYPRECHTII, Grun.1334p.26-3f8; Rattr.Cosc.p.552; Det.S.p.1270;
 WHANPOENSIS, Grove.-Rattr.Cosc.p.497-If24; Det.S.p.1233;
 WITTHANUS, Pant.2p.119; Det.S.p.1219; (C.lineatus,p.p.)---
 WOODWARDII, Eul.Sp.1.116; Atlas 60f8; 6If2,3; 65f2; Malaisie;
 Brun & T.p.71; Wille pl.90f4;
 (C.apiculatus,var.,& gigas.p.p.: -C.argus & Boliviensis.)---
 ZEBUANUS, Grunow Mss.; (C.excentricus,v.)--
 ZONULATUS, A.S.,Atlas 59f10; Rattr.Cosc.p.469; Det.S.p.1215;

COSCINOPHAENIA.-(Ehr.,1854.)-

- , E.,Mik.pls.34-2f7; Mber/8516.7.1 --, 35A-3f11: 35A-1/2 24/1;
 ALTAICA, E.,Mik.p.94; Det.Syll.p.1370;
 DISCOPLA, E.-Mik.pls.16-1f42; 35A-13f11; 1.21; M.C.pl.42125;
 Det.Syll.p.1370;

COSMODISCUS.--(Grev.,1866.)

- ARMATUS, Grev.Mss.:1366. 57.57f11- (Coscinodiscus a.)--
 BARBADENSIS, Grev.-T.M.S.1366p.30-3f12; J.Q.C.1335p.177;
 CARCONENSIS, Eul.-M.T.P.3-5-10; (Staphanodiscus.)---
 ELEGANS, Grev.-T.M.S.1366p.79-3f13; (Coscinodiscus perikompos.)--
 IMPERFECTUS, Grun.1334p.17; Rattr.Cosc.p.604;
 (Ailacodiscus i. & suspectus.)----
 NORMANNIANUS, Grev.-T.M.S.1366p.30-3f11; J.Q.C.1337p.65-6f21;
 (Coscinodiscus apages & splendidus.)-
 TENUIS, Grun.-V.H.S.pl.125f13; Wille pl.75f12; Pant.2p.114-4f55;
 (Coscinodiscus.)--

CIRCULARIS, Brun, 1891p.23-II f5:

(Gutwinskiella.)----

CLYPEOLUS, Brun, 1891p.24-II f4:

"

CORONALIS, Brun, 1891p.24-II f3:

"

CRASPEDODISCUS. -(Grev, 1854)

--, London Clay:

ACTINOCYLUS, E.-Abh.Ber.1872p.26:

(Coscinodiscus.)----

ARAUCANIAE, E.-Mik.p.293; Det.S.p.II99:

BARBADENSIS, Ralfs.-Prit.p.939; Det.S.p.II99:

CORONATUS, Brtw.-M.J.1860p.95-5f3; Prit.p.332,940; -(Brightwellia.)--

COSCINODISCUS, E.-Abh.Ber.1844p.233; Mik.pls.13f103; 33-15f3; Prit.p.

332-5f30; M.J.1860p.95-5f4; Grun.1855p.23,104; Atlas 33f1,4; 13f1;

O.M.T.D.p.233-20f10; Atlantic City; Weiss.1885p.174; (C. & Coscinodiscus pyxidicula; -Pyxidicula e.)

(C. & Coscinodiscus pyxidicula; -Pyxidicula e.) Grev. 1885p.174:

" var. "a", E., Mik.pl.33-15f3;

" var., Witt 1883p.15-3f3;

" v. Nankootensis, Grun.-Atlas 33f5; Atlantic City;

DISCOPLA, E.-Abh.Ber.1872p.297; Nord.p. -2f23; Det.S.p.I200:

ELEGANS, E.-Mik.Ber.1844p.233, f12; Mik.pl.33-13f2; A.S.S.13f1,33-4f

4f"D": W.S.A.p.126; Prit.p.332-II f33; M.T.P.4-3-I; Atlas 33f1;

Det.Syll.p.II99; Q.U.M.S.1877p.465; Witt 1883p.15-3f4-6; Woll. pls.

77f1,2; 33f7;

(Coscinod. e. & craspedodiscus; -Pyxidicula coscinod.)

FEBIGERI, O.M.-M.J.1873p.346; Det.S.p.I200:

FRANKLINII, E.-Abh.Ber.1853p.526; Mik.pl.35A-23f6a,b; Prit.pp.

332,939:

(Hyalodiscus subtilis.)--

INSIGNIS, A.S., Atlas 33f2; Det.S.p.II99:

KLAVSENSII, Grunaler.-Atlas 184f5:

MARGINATUS, Brtw.-M.J.1860p.95-5f7; Prit.pp.332,939; (Asterolampra.)--

MARYLANDICUS, O.M.-M.J.1877p.106; Det.Syll.p.II99:

MICRODISCUS, E.-Mik.pl.33-17f14; Prit.p.332; Woll. pl.74f3; (Coscinod.)

MOLLERI, A.S., Atlas 184f3;

NICOBARICUS, E.-Mik.pp.165,172; Det.Syll.p.II99:

OBLONGUS, Grun.-Atlas 33f7-9:

(Porodiscus.)--

OVALIS, Grun.-Atlas 33f6:

(Porodiscus splendidus, v.)----

PYXIDICULA, Brtw.-M.J.1860pp.95,139:

(Coscinod.)

RADIATUS, Weiss. Guano p.308-2f"x"; Det.S.p.II99:

RHOMBICUS, Grun.-Atlas 33f13; Woll. pl.33f5; Det.Syll.p.II99:

SEMIPLATUS, Brtw.-M.J.1860p.95-5f12; Prit.p.332,939;

(Asterolampra Brightwelli.)--

STELLA, E.-Abh.Ber.1855p.233; Mik.pl.35B-4b,f11; Prit.p.332,939;

(Hyalodiscus stelliger; -Podosira maculata.)-

SUBTILIS, E.-Mik.1856p.12;

TURGIDUS, E.-Abh.Ber.1855p.266; Mik.1855p.12; Det.S.p.II99:

UMBONATUS, Grev.-T.M.S.1860p.79-3f15; Det.S.p.I200:

WEISSFLOGII, Pant.3p. -23f394; Det.Syll.p.II99:

-, Rabh. E.D.p. 35: -, De Toni, Oss. Bac. p. 917; -, Greville, 1865. --
 COROLLA, Brun. & T.p. 34-414; DeT. Syll. p. 1090:
 ELEGANS, Grove & St. - J.Q.C. 1837 pp. 64, 167-5f6; J.R.M.S. 1833 p. 919; DeT.
 S.p. 1039; Rattr. Cose. p. 675; Atlas 149f20, 21; Notar. 1837 p. 346;
 (Porodiscus interruptus.) ---
 JOHNSONIANUS, Greville. - T.M.S. 1833 p. 69-4f10; J.R.M.S. 1833 p. 913:
 DeT. S.p. 1039:
 PANTOCSEKII, Brun. & T.p. 35-4f13; Atlas 164f11; DeT. S.p. 1090; ~~alt. 12-4f11~~
 RALFSIANUS, Grev. - T.M.S. 1833 p. 63-4f9; J.R.M.S. 1833 p. 913; DeT. S.p. 1033:
 TRUANII, Pant. Ip. 60-II f92; 2, p. 100; Notar. 1833 p. 691; DeT. S.p. 1039:
 ' v. squamosa, Pant. Ip. 60; 2, p. 100; DeT. Syll. p. 1090:

CRATICULA. ----- (Grev., 1868.) -

ERRENBURGII, Grun. 1863 p. 20; DeT. Syll. p. 313: (Spirinella craticula.) -
 HUNGARICA, Pant. 3p. - 23f349;
 MEGALOPTERA, Grun. 1863 p. 20; DeT. S.p. 313; (Spirinella m.) -
 PEROTTETII, Grun. 1863 p. 20-1f21; DeT. S.p. 313; ^{Greville cat. vol. 1 p. 42-2f21a, b.} (Spirinella p.) -
 PROCERA, Grun. 1863 p. 20; DeT. Syll. p. 313: (Spirinella p.) -

CRESSWELLIA. --- (Grev., 1866.) -

-, Grev. & Ainslie, 1857: (Stephanopyxis, et aliis speciosis.) --- I.C.
 ANNULATA, Grev. - A.M.N. 1865 p. 4-5f8: (Landeria ?) -
 BARBADENSIS, Grev. - T.M.S. 1835 p. 3-1f11: (Stephanopyxis.) ---
 CYLINDRACEA, Grev. - T.M.S. 1835 p. 3-1f10; Grun. 1864 p. 39:
 (Landeria annulata.) ---
 FEROX, Grev. - M.J. 1859 p. 163-3f16, 17; Lewis. M. & R.S. p. 69: - (Stephanopyxis
 MINUTA, Grev. - T.M.S. 1835 p. 4-1f13; DeT. Syll. p. 1147: - (S'pyxis. turris.) --
 PALMERIANA, Grev. - T.M.S. 1835 p. 2-1f9; Cl. Java p. 3; Grun. 1864 p. 33;
 Malaisie: (S'pyxis.) ---
 RUOIS, Grev. - T.M.S. 1835 p. 73-3f17; Grun. 1864 p. 39: (S'pyxis.) --
 SPHAERICA, Grev. - T.M.S. 1835 p. 14-1f12; Sm. Sp. T. 337; DeT. S.p. 1147:
 (Stephanopyxis turris.) -
 SUPERBA, Grev. - T.M.S. 1835 p. 63-3f3-5; (S'pyxis.) -
 TURGIDA, Grev. - M.J. 1859 p. 165-3f14: (S'pyxis.) -
 TURRIS, Greg., D.C. p. 64-6f109; Lagr. 1873 p. 14; Hull:
 Cl. 1873 p. 13: (Stephanopyxis Niejahri & t.) -

CRYSTALLIA. --- (Sommerfeldt, 1827.) -

PULVINATA, Sommerfeldt in Ag. Botan. Zeit. 1823:
 (Gomphonema constrictum, geminatum & p.) ---

CTENOPHORA. --- (Breb., 1849.) -

PULCHELLA, Breb. in litt. 1849: (Synedra p. & vertebra.) -

CYCLOPHORA. --- (Castr., 1878.) -

TENUIS, Castr. 1873 p. 33-25f3; Breissonia 1873 p. 22-1f1; A.S. Lincol
 31 ~~Italy~~: Italy: Sm. Sp. T. 333; V. 1. S. p. 1. 36f5; Cl. V. p. 1. 503; J.R.M.S. 1833
 p. 633; DeT. Syll. p. 312; LeD. Vol. 2 p. 72: (Diatoma hyalinum, v.) ---
 ' v. tropica, Grun. - V. 1. S. p. 1. 36f6; ~~Det. S.p. 312~~:

> americana, f.a.s. Atlas pl. 222 f 50-52: - (Stephanotricus?) -

+ antiqua, Falst. p. 440: atlas 224 f 45-48:

+ comensis, Atlas 224 f 33-35

+ Compta, E. - A. Cl. 1895 p. 37: Oestrup 1897 p. 347:
Atlas pl. 224 f 1-4, 13-25

iv, Bodanica, Euls. - V.H.S. pl. 93 f 10:

" var. Pantanelliana, Cestr. (a.s.) - Atlas 223 f 1-5: - (C. Pant.) -
(compare C. compta, v. radiosa.)

" var. unipunctata, a.s. Atlas 224 f 5-12

" var. tenuis, A.S. Atlas 224 f 26-28

- , Am. Nat. 1833p. 510-13f14; Kz 1883p. 41
 --, Pfitzer p. 127: --, Tanarek 1879p. 59: De Toni, Oss. Bac. p. 914
 ACTINOCYCLUS, K.S.A.p. 20: Det. Syll. p. 1353: (Discoplaz, -Pyxidicula.)-
 AFFINIS, Grun.-M.T.P. 4-3-3: (C. cornuta, var.)-
 AMBIGUA, Grun.-Cl. 1830p. 119-7f133; Det. S.p. 1352: (C. striata, v.)-
 + AMERICANA, K.S.A.p. 19: Det. S.p. 1357: Prit. p. 311: (Discoplaz.)-
 ANNULATA, Suringar Jap. p. 4-1f2; Hedw. Vol. 9p. 129; Grun. 1873p. 30:
 Det. S.p. 1355: (C. sinensis, v.)-
 ANTIQUA, S.B.D. 1p. 23-5f49; Will: Prit. p. 312: Carr. p. 90: T. No. 31: 33:
 + OM. I. O. p. 257-23f13; Cl. 1831. 3; Nares: Grun. 1873p. 29; Italy; S. S. 1.
 T. 339; V. A. S. p. 214-92f1: Vinnora; Lake Michigan; Woll: pl. 33f13, 19;
 Det. S.p. 1352: (C. operculata, v.: -Orthosira a. & opere.)
 ASIATICA, Brun, & T. p. 35-4f16: Det. S.p. 1353: (Melosira Thunii.)---
 ASTRATA, K.S.A.p. 19; Prit. p. 312: Carr. p. 90: Schm. 1. 1. 1. 31; R. M. D. 1.
 34; M.T.P. 3-5-13; Cl. & M. No. 50; Dannf. p. 43; Strose, Kleiken:
 (C. rotula; -Stephanodiscus.)--
 ATLANTICA, Ralfs, Prit. p. 312-15f3: Det. S.p. 1359: (Discoplaz.)--
 ATMOSPHERICA, Ralfs, Prit. p. 312-15f1, 2: Det. S.p. 1359: (Discoplaz.)--
 BELLA, A. Schm. N. O. p. 94-3f39; Grun. 1873p. 30; J. R. M. S. 1879p. 335:
 (Coscinodiscus.)---
 BODANICA, Eul. Sp. T. 5; Grun. 1873p. 29; Woll: pl.
 110f5; Herib. p. 192: Det. S.p. 1353: atlas 224f29-32: (C. cornuta, v.)--
 CALSATHI, Casti. Intras. 1855p. 3, No. 21; Intra. 1855: Italy: Hedw. Vol. 5.
 III: Det. Syll. p. 1355;
 CALIFORNICA, Grun.-Cl. & M. 273: Det. S.p. 1353;
 CASPIA, Grun. 1873p. 29-4f19; J. R. M. S. 1879p. 332: Det. S.p. 1354;
 CASTRACANIENSIS, Eul. Sp. T. No. 27: Sm. Sp. T. No. 101: Det. Syll. p. 1350;
 (Coscinod. polyrrhaptos.)
 CASTRACANII, Brun, 1891p. 24-22f9: Det. S.p. 1356;
 + COMENSIS, Grun.-V. A. S. pl. 93f16, 17: Italy: Herib. p. 192: Det. S.p. 1356;
 COMPTA, E. -K.S.A.p. 20: Prit. p. 311: Grun. 1873p. 30; V. A. S. p. 211-92f15-
 + 22; T. No. 424; Italy: Cl. Vega p. 492: Lake Michigan; Valais; Woll:
 pls. 33f30, 31; 33f20, 21; Herib. p. 191; Det. S.p. 1353: (C. cornuta, v.)-
 ' var. affinis, Grun.-V. A. S. pl. 93f11-13, 21; Det. S.p. 1353: (C. cornuta, v.)-
 ' v. arvena, Per. & Br.-Herib. p. 191-5f16:
 ' v. glabrinsecula, Grun.-V. A. S. pl. 93f14, 15; Det. S.p. 1353;
 ' v. oligactis, Grun.-V. A. S. pl. 93f13, 19; Cl. & M. 174; Valais:
 Det. S.p. 1353: atlas 224f39, 40: (Cycl. o.)-
 ' v. paucimaculata, Grun.-V. A. S. pl. 93f20; Det. S.p. 1353; atlas 224f38:
 ' v. radiosa, Grun.-V. A. S. p. 214-92f23; 93f1-9; T. No. 475; Cl. 1891p.
 37: Det. S.p. 1353; a. cl. 1895p. 34: (vide m. Pantanelli)---
 CONCENTRICA, Meneg. A. N. D. p. 333: Det. S.p. 1359;
 COSCINODISCUS, K.S.A.p. 20: Prit. p. 311: Det. S.p. 1357;
 DALBASIANA, S.B.D. 2, p. 37: Prit. p. 313, 933; Carr. p. 91: Will: R. M. D. p.
 33; Arnett Cycl. p. 243; OM. I. O. p. 259; Grun. 1873p. 30; S. S. 1. 1. 1. 1.
 J. R. M. S. 1879p. 334: (C. radiata, striata, stylorum)
 DENDROCHALTRA, Ralfs, Prit. p. 312: Det. Syll. p. 1359: (Discoplaz.)---

Muvia, f. A.S. Atlas pl. 222 f 23, 24: - (Stephanotis?)

7 Hispatensis, A.S. Atlas pl. 222 f 33, 34;

+ Rutzingiana, A.S. Atlas 222 f 1-7, 13

" forma major, D.H.S. pl. 94 f 6:

" var. radiosa, A.S. Atlas pl. 222 f 8;

" " planetophora, A.S. Atlas 222 f 9-12

" " melosira, A.S. Atlas 222 f 15-17

+ " " Schumannii, Atlas 222 f 18-21

Meneghiniana, atlas pl. 222 f 25-30;

- DENTICULATA, K.S.A.p.20: Del.Syll.p.1357: (Discoplea.)-
 DIVES, K.S.A.p.20: (Actinoptylus, Discoplea, Cyclorella.)-
 > DUBIA, Hilse 1350p.70; Rabh.Alp.No.1022: + (C. nileana.)---
 FIMBRIATA, Castr.1337p.141-13f13; Notar.1339p.754; Del.S.p.1353;
 GRAMCA, Prit.p.312: Italy: Del.S.p.1359:-(Coseinodiscus-Discus, 1857)
 " v.stelligera, L.-Italy: (C. nileana.)---
 GRANULOSA, Gran.-V.H.S.pl.94f23; (Coseinodiscus)
 HAUCKII, Gran.-V.H.S.pl.94f29: (Coseinodiscus)
 HELVETICA, Kibler, ?
 > HILSEANA, Rabh.E.D.p.33; Del.S.p.1357: (C. dubia.)--
 IRIS, Br.& H.-Herib.p.224-3f1,3; *Atlas 2 225-6f4*:
 " v.coccineiformis, Br.& H.-Herib.p.225-6f4:
 " v.ovalis, Br.& H.-Herib.p.225-3f2:
 IRREGULARIS, Gran.1334p.40-5f3; Del.S.p.1355
 KUTZINGIANA, Thw.-A.M.N.1343p.9-III" 225 S.B.D.I.27-5f47; Ann.
 Sci.Paris 1849Vol.I,pl.XI; Desmaz.Ed.2,No.103; K.S.A.p.13; R.Alg.No.
 1333; Prit.p.933; R.E.D.p.32; R.D.Ex.22; B.S.B.1.1332p.30f-14f7; V.
 D.pl.14f22; Roper,Thames; Mull; Schum.H.T.p.31; Mull; N.& R.S.p.70;
 New Zealand; Pfitzer p.127-3f7; Flogel,Baltic; O'M.I.D.p.253-26f10;
 Sm.Sp.1.103; Gran.1373p.30; Strose Kleiken p.16-1f13a,b; Kinnord; Pat.
 liste p.26; Tanaiex 1379p.30f40; Brin Alp.p.132-1f13; V.H.S.p.214-
 94f1,4,5; T.No.477; Belloc,Lichon; Delogne; Cl.1391p.33; Parag.1.77;
 Italy: Pat.1333pl.4f24; Wille pl.33f3,9; Del.S.p.1353:
 (C. operculata, v.: -C. p. nileana.)----
 " var."b" rectangular, K.S.A.p.19; S.B.D.I.27: (Cycl.)-
 " var.Caspia Gran.-V.H.S.pl.94f10:
 " v.Catactetium, Gran.-V.H.S.pl.94f19;
 " v.Meneghiniana, Brin Alp.p.134-; Belloc,Lichon: (Cycl.)-
 + " v.Schumanni, Gran.-V.H.S.pl.94f2,3; Cl.1391p.33: *bel. 1895p.37*:
 LAEVIS, K.S.A.p.20: (Hyalodiscus.)-
 LICUSTICA, K.B.p.50-1f4; K.S.A.p.19; Italy: -(C. Scoticus; -Hyalodiscus)
 MAMMILLA, K.S.A.p.20; Prit.p.311: Del.S.p.1357: (Discoplea.)-
 MARGINATA, Castr.Nova Contr.11.Diat.Med.1330p.3; Del.S.p.1353;
 Notar.1333p.129:
 MARGINULATA, ?
 MAXIMA, K.B.p.50-1f5; 21f6(b); K.S.A.p.19; Herbar.1342;
 Prit.p.311:
 MENEGHINIANA, K.B.p.50-30f33; K.S.A.p.19; Rab.Alg.Nos.332,721; R.S.D.
 p.II-2f2; Prit.p.933; Hedw.Vol.21.133; Carr.p.90; Arn.Cycl.1.243; R.
 E.D.p.33; Sur.Jap.p.4-1f1; Prollius pp.73,103-2f3; Eiben,1371; O'M.
 I.B.p.253-26f11; Gran.1373p.30; Blausch,1333; Sm.Sp.1.103; Mull;
 Papan; Hoffmann,Marburg; V.H.S.p.214-94f11-13; T.Nos.473,479; Italy:
 Calmf.p.13; Cl.1330,119; 1331,111; 1391p.37; Ebnat,Cassel; Tanaiex
 Wille pl.33f13-15; Parag.1.77; Herib.1.192; Atlas 13194; Del.S.p.
 1334:-(C.Kutzingiana, v.: -C. p. nileana; -Mammilla reticulata.)--
 " var., Kitton, Scozia.
 " var."b" major, K.S.A.p.19: (Mammilla reticulata.)----
 " v.Baileyi, Gran.-V.H.S.pl.94f15; Del.Syll.p.1355:

Meneghiniana, - var. plana, A.S. Atlas 222f. 32.

operculate, K. fr. t. 7, f. 1; Brit. Com. p. 20:
A.S. Atlas pl. 222f 42-47.

> parva, t. S. Atlas pl. 224f 36, 37

- * v. *binotata*, Grun.-V.H.S. pl. 94f10; Det. S. p. 1355; *Atlas 222f31*;
 * v. *parvula*, Grun.-V.H. Type No. II sub:
 * v. *rectangulata*, V.H.S. p. 214-94f17-20; 1.433; Det. S. p. 1355;
 * v. *stellata*, Grun. & Cl.-N.L.K.D. p. 22-5f53; V.H.S. pl. 94f21;
 Det. Syll. p. 1354;
 * v. *Vogesiaca*, Grun.-V.H.S. Det. Syll. p. 1355; (C. *Vog.*)
 MINIMA, Rattr. Cosc. p. 300; (Coscinodiscus.)----
 MINUTULA, K.B. p. 50-2f3; K.S.A. p. 19; Prit. p. 933; Arnott Cyc. p. 245; R.
 E.D. p. 33; New Zealand; Sm. Sp. 1. 105; Pet. liste p. 23; Belloc, Luchon;
 Hull: M.T.P. 4-5-5; Strose, Kleiken;
 (C. *operculata*; -Scaphanodiscus *astraea*, v.)---
 NAGELI, Meneg. A.N.D. p. 336;
 OLIGACTIS, E.-Ralfs, Prit. p. 312; (C. *compta*, v.: -Discoplea.)
 OPERCULATA, K.B. p. 50-III; K.S.A. p. 13; R.S.D. p. II-2f1; Hull: S. p. 1355;
 23-3f43; Front.; Braemar; R. 3ae. exs. of; R. Al. 1104; Br. Cons. p. 20;
 Wartmann & Schenck No. 130; Prit. pp. 311, 937-5f53; Bleisch, 1333; R. E.
 D. p. 32, f1; Borseow pl. 1f3; Italy: M. D. p. 12f21; M. & R. S. p. 70; Arnott
 Cyc. p. 245; Carr. p. 91; New Zealand; Hull: Pet. liste p. 23; Class. f23;
 T.M.S. 1377 pl. 137f23; Macdonald pl. 10f10; Spamer, Olen; Brun Alp p.
 132-If14; Gallia, Pagan; Can. p. 43; Ganz, 101; V.H.S. p. 211-94f22-
 24; Vinnora; Atlantic City; Wollé pl. 33f22-24; Lake Michigan; Strose,
 Kleiken; Belloc, Luchon; Herib. p. 191; Ebert, Cassel; Hoffmann, Marburg;
 A.M.W. J. 1391 pl. 1f23; Malaisia; Det. S. p. 1354; (C. *minuta*; -
 Cymbella; -Discoplea *Kutzingii*; -Frustulia; -Orthosira; -Pyxidicula.)----
 * var., O'M.I.D. p. 257-26f12b; M.T.P. 3-5-19;
 * v. *antiqua*, Brun Alp p. 133-If14n; Herib. p. 192; Det. S. p. 1354; (C. *ant.*)
 * v. *mesoleia*, Grun.-V.H.S. pl. 93f25-23; 1.473; Perag. p. 73; Det. S. p. 1354
 * v. *minutula*, Brun Alp p. 133-If7; Det. S. p. 1354; (Cycl. m.)-
 * v. *radiosa*, Grun.-V.H.S. ?-(Cycl. *compta*, v. *rad.*)
 * v. *rectangulata*, K.S.A. p. 19; (C. *Katz.*, & r.)-
 OREGONICA, Ralfs, Prit. p. 312; Sm. Sp. 1. 103; (Discoplea.)--
 OVALIS, Breb. Cons. p. 20 (1838); - (Amphora; -Cymbella.)
 PANTANELLIANA, Castr. Process. verbali della Soc. Tosc. di Scienza,
 March 22, 1835, p. 171; Italy: *Atlas 223f1-5*; -(C. *compta*)
 PAPILLOSA, O'M.-M.J. 1375 p. 201; I.O. p. 253-26f15; Vinnora;
 Det. Syll. p. 1356;
 PATAGONICA, K.S.A. p. 20; (Cylindrodiscus.)-
 PELAGICA, Grun.-V.H.S. pl. 94f7, 8; Det. S. p. 1355; (C. *Kutzing.*) v.
 PERTENSIS, Bailey.-A.J.S. 133 p. 42; Prit. p. 937; Det. S. p. 937;
 PERUANA, K.S.A. p. 20; Prit. p. 312; Det. S. p. 1357;
 PHYSORGEA, K.S.A. p. 20; Prit. p. 311; Wollé pl. 32f20, 22;
 Det. S. p. 1357; (Discoplea.)---
 PICIA, K.S.A. p. 20; Prit. p. 312; Det. S. p. 1357; (Discoplea.)---
 PULCHELLA, L.W.B.-B.O.N. 4. 1362 p. 343, f10; Det. S. p. 1259;
 PUMILA, Grun.-V.H.S. pl. 94f16; T. No. II 510; Det. S. p. 1355; -(C. *minuta*, v.)
 PUNCTATA, S.B.D. 2 p. 37; Prit. p. 313-316; Carr. p. 91; New Zealand; R. E.
 D. p. 33; Hull: O'M.I.D. p. 259-26f17; Sm. Sp. 1. 109; Grun. 1373 p. 31;
 (Coscinodiscus *laeustris*.)---

+ stelligera,
" var. Cl. Hgn. - V.H.J. 94f27:

+ striata,
" var. bipunctata, A.S. atlas pl. 223f15-19:

> superba, A.S. Atlas pl. 222f35, 36:

> Temperlei, Brun. - atlas pl. 224f41-44:

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- PYGMAEA, Pant. 3p. 2. -2f22; 4f70; Del. S. p. 11. 1. 1359; *Abundant* -  
 RADIATA, Bttw. -Q. J. M. S. 1330p. 96-3f11; Prit. p. 313; Sm. Sp. T. No. 340;  
 M. T. P. 4-5-II: (C. C. Dallasiana; -Melos. sol., & r.) --  
 RADIATO-PUNCTATA, Pant. 3p. -33f507: Del. S. p. 1353;  
 RECTANGULA, Bttw. -R. S. C. p. II: Prit. p. 311, 903-3f14; Del. S. p. 1. 2. 1359;  
 D. ex. No. 110: J. Q. C. 1370p. 41-113; Sm. Sp. T. 110; Cl. & M. 173; *pl.*  
 (C. Kutzingeriana, operculata, v., & Meneghiniana, v. ---  
 ROTA, K. S. A. p. 19: Prit. p. 312: (Discoplea; -Stictodiscus.)  
 ROTULA, K. B. p. 50-2f4; K. S. A. p. 19; Mill; S. B. C. p. 23-5f50; Prit. p. 312;  
 Roper, Thames; Malaisie; Arnott Cycl. p. 247: M. & R. S. p. 70: Schum. 1352  
 in lists: Mill: Sm. S. T. III: O. I. C. p. 235-2f11; Wille p. 1. 5. 110-12;  
 Kinnor; -(C. (Discoplea) astraea & atmosphaerica; -Discoplea; -Orthodiscus  
 Stephanodiscus Niagarae; -Stictodiscus.)  
 SALINA, Grun. -Rattr. Cosc. p. 603: (Coscodiscus minutus.) -  
 SCOTICA, K. B. p. 50-1f2, 3; K. S. A. p. 19: Prit. p. 311-14f17; Carr. p. 90:  
 Grun. 1373p. 30; O. I. C. p. 259-2f13:  
 (Lyalodiscus; -C. Ligustica; -Poclosia racillata.) --  
 SEVILLANA, Deby. -J. M. 1334p. 49; Del. S. p. 11. 1. 1359:  
 SEX-NOTATA, Deby. -J. M. 1334p. 49; Del. S. p. 1359;  
 SINENSIS, E. -Ralfs, Prit. p. 312-13f14; Petit, N. 100p. 5-3f7:  
 (C. annulata; -Discoplea.) ----  
 SOLUTA, K. -Notar. 1336p. 129:  
 SPINOSA, Schum. 1332p. 134-3f15; 1334p. 17: -(Stephanodiscus Niagarae.) ---  
 STELLIGERA, Cl. & Grun. -V. A. S. p. 1. 9. 1f22-25; Cl. 1391p. 37; Herp. p. 190;  
 Del. S. p. 1355; *Atlas pl. 222f48, 49*; (C. Graciosa, v.) --  
 STRIATA, Grun. M. T. P. 3-5-7; V. A. S. p. 213-92f3-3; T. No. 320; Wille p. 1.  
 33f16, 17; Villef. p. 77; Malaisie; Del. S. p. 1352: *Atlas 223f9-13*:  
 (C. Dallasiana, stylorum, subsalina; -Coscodiscus.) ---  
 " v. ambigua, Grun. -V. A. S. pl. 92f12: *Atlas 223f20*; - (Cycl. a.) -  
 " v. Baltica, Grun. 1334p. 40-5f4; V. A. S. pl. 92f13-15; Del. S. p. 1352;  
 Malaisie;  
 " v. intermedia, Grun. -V. A. S. pl. 92f10; Del. S. p. 1352: -(Coscodiscus stylorum)  
 " v. mesoleia, Grun. -V. A. S. pl. 92f9; Del. S. p. 1352: *Atlas 223f14*  
 " v. stylorum, Cl. Vega p. 503; V. A. Type No. 470: (C. stylorum.) --  
 STYLORUM, Bttw. -M. J. 1330p. 96-3f10; Prit. p. 313; V. A. S. pl. 92f2-5; T. No.  
 474; Malaisie; *Atlas 223f6-8*: (C. Dallasiana & stylorum, v.) ---  
 SUBSALINA, Grun. -V. A. S. pl. 92f11; Del. S. p. 1352:  
 SZAKALENSIS, Pant. 1. 45-2f1259; Notar. 1333p. 503; Del. S. p. 1353;  
 TRANSYLVANICA, Pant. 3p. -11f177; Del. S. p. 1353; *Atlas 223f12-13*; -  
 " v. disseminato-punctata, Pant. 3p. -33f511; Del. S. p. 1359;  
 UMBILICATA, Ralfs, Prit. p. 311: (Discoplea; -Lysionotus westii.)  
 UNCATA, K. S. A. p. 20: Prit. p. 312; Del. S. p. 1353: (Discoplea.)  
 VENUSTA, Ralfs, Prit. p. 312; Del. S. p. 1359:  
 TEMPEREI, Per. & A. -Herp. p. 251: *Atlas 223f15-16*; -

## CYLINDROTHECA. - (Rabh., 1883) -

- GERSTENBERGERI, Rabh. E. D. p. 145, f45; R. Alg. No. 801; Kirch. Alg. Schlies.  
 No. 199; Delogne; Prit. p. 940; M. J. 1. 42f34: (C. gracilis.) --





GRACILIS, Breb.-Eiben, I87I; V.H.S.p. I88-30f2; T.No.4I7; Italy: DeT. Syll.p.588:

(C.Gerstenbergeri: -Gerstenbergi; -Nitzschia; Nitzschella tania.)-

v.major, Grun.-V.H.S.pl.30fI:

CYMATOPLEURA.--(N.Sm., 1853) - , Br. Alpes p. 96.

-, Pfitzer p.II7:

-, Tanarek I879p.53;

-, Pant.3p. -7fIII:

ANGULATA, Grev.-T.M.S.I862p.89-9fI; Wolle 60fI3; DeT.Syll.p.60I:

APICULATA, S.B.D.Ip.37-IOf79; Mull; Grun.I862p.466; Heib.p.I00: R.D.

Ex.No.23; R.Alg.Sachs.Nos.I487, I52I sub; Bleisch, I863; Eul.Sp.T.27;

Roper, Thames; Hull; Italy; Kinnord; Lake Michigan; Wolle pl.60f9, I2:

(C.solea, var.)-

CAMPYLODISCUS, Bailey I864p.III, fI; B.J.N.H.I862p.330-I f9; Sm.Sp.T.

64I; Wolle, 7I f9; DeT.S.p.60I:

COCHLEA, Brun, I89Ip.25-22f5; DeT.S.p.60I:

ELLIPTICA, Breb.-W.S., A.M.N.H.I85Ip.I3-3fIO, II; S.B.D.Ip.37-IOf80: R.

Alg.No.64I; Mull: Prit.p.793-9fI49; I6f7, 8; Carr.p.86; R.E.D.p.60; M.

D.pl.I2f23; Bleisch, I863; Roper, Thames; Schum.I864p.I3; Grun.I862p.

463; Schum.I867p.52; Heib.p.I00: Hull: Cl.I863p.233: I89Ip.53: Italy:

M.T.P.2-I-II: Delogne; Sm.Sp.T.II2; Pet.liste p.24: Strose, Kleiken;

Brun Alp p.96-I f8; 9fI5; Kinnord; Dannf.p.40; Mobile; Deby Polder p.

I4; Spamer, Duren; V.H.S.p.I68-55fI; T.No.363; Belloc, Luchon p.52f20:

Wolle pls.60f5-7; I08f5, 6; Tanarek I879p.54; DeT.S.p.593; Herib.p.

I60; f.6.c. I870p.38.

(Denticula undulata; -Melosira grandis; -Sphinctocystis; -Surirella: ~~var.~~

~~Surirella~~ Hibernica, Kutzingerii, lamella, nobilis, oophena, undata, undulata.)--

" v.constricta, Grun.I862p.464-III fI3; Schum.I869p.35; R.E.D.p.60;

Brun Alp p.97: V.H.S.p.I68I DeT.S.p.I59;

" v.fracta, Schum.I867p.52-I f20:

" v.hibernica, M.T.P.2-I-I2: V.H.S.pl.55 f3, 4: f.6.c. (C.hibernica.)

" v.ovata, Grun.I862p.464; Gallia, Papan; DeT.Syll.p.509:

(C. & Surirella ovum: -C.elliptica.)----

" v.rhomboides, Grun.I862p.464; DeT.S.p.509:

(C.nobilis; -Surirella plicata.)---

" v.subconstricta, Herib.p.I60: V.H.S.55 f2:

GIGANTEA, Pant.3p. -34f435:

GRACILIS, Pant.3p. -I3f259;

HETEROCYMA, Ralfs, Prit.p.793:

(Surirella.)---

HIBERNICA, W.S.-A.M.N.H.I85Ip.I3-3fI2; S.B.D.Ip.37-IOf8I; Prit.p.793;

Carr.p.86: R.E.D.p.6I; Sm.Sp.T.II3; Lake Michigan;

T.364; Wolle pl.60f8, IO, II; DeT.S.p.600; Herib.p.I60;

(C.elliptica, v.: -Surirella plicata.)---

" v.major, Papan; Herib.p.I6I:

" v.rhombica, Chase.-Lake Michigan; DeT.S.p.600: -((Cymat.H.)

KINKERI, Pant.3p. -4f5I;

MARINA, Lewis.-M. & R.S.p.63-I f4; Wolle, 60fI4, I5; DeT.S.p.600:

MULTIFASCIATA, Ralfs, Prit.p.940; DeT.Syll.p.60I:

(Nitzschia; -Surirella.)-



# CYMATONIS.

- incunvallata, Cl. Nav. p. 76-1f10, 11: <sup>utras</sup> (2-12 f4):
- ilcata, Grev. - Cl. Nav. p. 75-1f12, 13: - (Nav. 5. & triusculata.]  
<sup>utlas 2.12 f4 1-45, 47, 49:</sup>
- v. quadrisulcata, Grev. - Cl. Nav. p. 75: - (Nav. 2.)

NOBILIS, Hantzsch., Heaw. 1360p. 36-6f6: M.T.P. 2-I-10: Cl. & M. No. 82:  
 (C. elliptica; -Surirella plicata.)  
 OVUM, Naeg.-Ralfs, Prit. p. 793; R.E.D. p. 3I:-(C. elliptica; \*Surirella.)---  
 PARALLELA, S.B.D. Ip. 37-30f263; Grun. 1362p. 466: (C. regula & solea.)--  
 REGULA, E.-Ralfs, Prit. p. 793; R.E.D. p. 3I: Pet. liste p. 24: M.T.P. 2-I-13:  
 Del. Syll. p. 300: (C. parallela & solea, var.: -Surirella.)---  
 SOLEA, (Breb.)-w.S., A.M.N.H. 185Ip. 12-3f8, 9; S.B.D. Ip. 36-10f78; Front.:  
 Mull; Braemar; R. Alg. Nos. 983, 1029; Desmaz. I, No. 1554; 2, No. 1054; Wartm.  
 & Schenck No. 129 sub; Prit. p. 793-9f155; 13f9; Roper, Thames; Borscow  
 pl. 1f14; Mull; R.E.D. p. 60, f13; Malaisie; M.D. pl. 12f24; Bleisch, 1363;  
 Grun. 1362p. 466; Carr. p. 36: Arenig Bach; Nylander, w.: Cl. 1363p. 233:  
 Vepa p. 492: 139Ip. 53; Sm. Sp. 1. 114; Dannf. p. 40; M.T.P. 2-I-14; Stross,  
 Kleiken; Pet. liste p. 24; Class. f17: P. & Leud.; Lanzi, Tor.; Brun Alp  
 p. 97-1f10; T.M.S. 1377pl. 137f17: Italy: Cl. & M. Nos. 226, 227; Atlantic  
 City; V.H.S. p. 163-55f5-7; T. No. 365; Belloc, Luchon: Perag. p. 68; Tan-  
 arek 1379p. 53, f2; Wolle pl. 60f1-4, 13; Delogne; Gerling pl. 1f6; Del.  
 Syll. p. 509; Spamer, Duren; Herib. p. 161: A.M.M.O. 139Ipl. 1f26:  
 (Navicula & Sphincticystis librilis; -Sur. heterocyma & s.)--  
 " var. "b" apiculata, Prit. p. 793; Grun. 1362p. 466: Brun Alp p. 97-1f11:  
 R.E.D. p. 60; Belloc, Luchon: M.T.P. 2-I-15, 16; Perag. p. 68; Del. S. p.  
 600; Herib. p. 161:  
 " v. gracilis, Grun. 1362p. 466: Gallik, Papan; Del. S. p. 600:  
 " v. regula, Grun. 1362p. 466; V.H.S. p. 163; Delogne: (C. regula.)--  
 " v. robusta, Rabh. E.D. p. 61:  
 SPIRALIS, Chase.-Lake Michigan; Del. S. p. 601:  
 THERMALIS, Ralfs, Prit. p. 940; Del. Syll. p. 601:-(Nitzschia; -Surirella.)-

CYMATOSIRA. ---- (Grun., 1862)-

BELGICA, Grun.-V.H.S. p. 157-45f33-41; Del. Syll. p. 697:  
 BIHARENSIS, Pant. 2p. 66-3f41, 42; Del. S. p. 697:  
 DEBYI, Brun & Tp. p. 36-7f18; Del. S. p. 697:  
 JAPONICA, Brun & Tp. p. 36-4f12: (Campylosira.)-  
 LORENZIANA, Grun. 1362p. 373-7f25; M.D. pl. 42f35; R.E.D. p. 124, f37:  
 Italy: V.H.S. pl. 45f32; Villef. p. 64; Del. S. p. 697:

CYMBELLA. ----- (Agassiz, 1830)-, Borscow Russ. D. p. 129-15, f9 sub;

-, Meneg. A.M.D. p. 409: -, Pfitzer p. 3I-6f13:  
 -, A.M.N.H. 1856p. I: -, Tanarek 1379p. 41:  
 -, Dippel 1370p. 10-1f12: -, Petit Classif. f5: K. Syn. p. 7:  
 -, T.M.S. 1377pl. 137f5: -, Notar. 1366p. 29I: 1833  
 -, Wolle pl. 1f10-12: -, Atlas pl. 10f7:  
 -, Atlas pl. 9f14, 19, 39, 40, 46, 51, 52, 56, 57, 70:  
 -, Atlas 7f40-43, 46, 47, 51, 53, 73:

ABNORMIS, Grun.-Botan. Cblt. 1330p. 249; V.H.S. pl. 3f8;  
 Cl. 139Ip. 45: Del. Syll. p. 357: 29f31: (C. sinuata.)  
 " v. antiqua, Grun. 1362p. 141: Del. S. p. 357; -(C. sinuata, v.)  
 " v. fossilis, Pant. 3p. 17f255: -(C. sinuata, v.)

Cypripedium

A subgenus of the genus

Chlorophytum

ABYSSINICA, Grun.-Mart. Flora Bogot. p. 151-1f3; Notat. 1336 p. 193;

Det. Syll. p. 351:

-(*C. amphicephala*, v. *hercynica*.)~

+ ACUTA, Ag. Cons. p. 8: Cl. Nav. p. 164: (Echinella; -Frust. a. & asbestina.)---

ACUTUSCULA, Kinnora: Cl. Nav. p. 164-4f26:

ADNATA, Breb. Alg. Malaise p. 50, pl. 7; Mont. Can. p. 194: -(Epithemia zebra.)

+ AEQUALIS, Grev.-A.M.N.A. 1354 p. 43-4f4; S.B.D. 21.34; Prit. p. 376: Carr.

p. 99: R.E.D. p. 73: Atlas 9f39; Kinnora; Danf. p. 21; Cl. 1331 p. 4; 1391,

p. 46; Det. S. p. 359: -(*C. angustata*.) Cl. Nav. p. 170: (*C. obtusa* & *aequalis*.)~

> " v. *hybrida*, A.S., Atlas 7f50: -(*C. angustata*.) (Cymb. h.)-

+ AFFINIS, K.B. p. 30-3f15; K.S.A. p. 53; R.S.D. p. 23-7f13; Mull; S.B.D. 1p.

13-30f250; Front.; Braemar; Prit. p. 376: Carr. p. 99: Hall; Schum. H. T.

p. 64; Neupauer p. 199-3f70; Nylander, W.: R.E.D. p. 31; Prollius p. 54:

Italy: Lagr. 1373 p. 43; Atlas 9f29, 33; 7f23, 29; Ebert, Cassel; Sn. Sp.

1.115: M.T.P. 2-4-15; Borscow pl. 2f3; Petit & Leud.; liste p. 13; Cl.

1331 p. 5, 3; Vega p. 490: 1391 p. 47; Brin Alg. p. 61-3f14; Lanzi, Tor.; V.

H.S. p. 62-2f19; T. No. 26; Malaisie; Perag. p. 55; Gallik, Papan; wolle pl.

7f31, 32; Hoffmann, Marburg; Spamer, Duren; Det. S. p. 352; Pant. 3p. 4f62;

52; Herib. p. 63: Cl. Nav. p. 171: Gn. 1882 p. ... -29f26: (*C. excisa*, v. *major*: -

(*C. gracilis*, *parva*, *truncata*, *ventricosa*: -*Cocconeoma fusium*, *nandum*.)---

" var. "b" *tumida*, Lagr. 1373 p. 43-2f19; Det. S. p. 353; -(*C. affinis*.)

" var. "g" *semicircularis*, Lagr. 1373 p. 43-2f20; Det. S. p. 353: (Cymb. s.)~

" v. *leptoceros*, Brin Alg. p. 62: (*Cymlophora mae*: - (Cymb. l.)-

ALPINA, Grun. 1363 p. 143-15f19; R.E.D. p. 31; Brin Alg. p. 62-3f7; Atlas

7f44, 45; Malaisie; Herib. p. 67; Det. S. p. 354; Cl. Nav. p. 161:

" forma minor, Br. & H. -Herib. p. 220;

" v. *conifera*, Br. & H. -Herib. p. 220-6f7;

" v. *Bouleana*, Br. & H. -Herib. p. 220-6f14;

AMERICANA, A.S., Atlas 9f15, 20; wolle pl. 7f24; Det. S. p. 359; *Pitt. Can. Horn*:

" v. *acuta*, A.S., Atlas 7f75-73: *det. S. p. 359* (*C. Davidsoni* & A.)--

+ AMPHICEPHALA, Naep.-K.S.A. p. 390: R.S.D. p. 22; Prit. p. 373; R.E.D. p. 77:

Atlas 9f62, 64-66; 7f52: Cl. & M. 29; Brin Alg. p. 60-3f5, 10; Cl. 1331 p.

1: 1391 p. 45; Ebert, Cassel; M.T.P. 2-4-14; V. H.S. p. 61-2f5; 1.19: wolle

pl. 7f15; Belloc, Lichon; Perag. p. 54: Det. Syll. p. 350: -(*C. naviculæformis*.)

> " v. *tumida*, Grun.-Det. Syll. p. 351: (Cymb. t.)--

ANGLICA, Lagr. 1373 p. 42-2f13; Leud. 1374 p. 120; Atlas 9f63; Kinnora; Cl.

1331 p. 4; Lane Michigan; V.H.S. pl. 2f4: wolle pl. 7f33, 34; T. No. 1335 pl.

1f11; Herib. p. 67: (*C. naviculæformis*, & *C. caspiata*.)-

+ ANGUSTATA, <sup>W.S.</sup> Kinnora; <sup>Grun.</sup> Cl. Nav. p. 161: -(*nav. a. sinuata*; *C. aequalis*, &

APICULATA, New Zealand:

APPENDICULATA, Ag. Cons. p. 9: Ag. Alg. Eur. 1/1 (Frustulia; -Navicula.)---

APPENDICULATA, Breb. & Godey: - (Navicula amphisthaena.)---

ARCTICA, Lagr.-Atlas 10f12: 7f23-25; Det. S. p. 364; (Cocconeoma.)---

ARAUCANIAE, E.-Mik. p. 296; (Ralfs; -Vide Cocconeoma.)-

ARCUS, Cassell Alg. p. 429-100f3; Grun., M.J. 1353 p. 4-1f21; S.B.D. 2p. 37:

Prit. p. 375-7f73; Carr. p. 99: R.E.D. p. 83:

(*Ceratoneis*; --*Elmotia*; --*Synedra gibbosa*.)---

ARCTICA, Lagr.-Det. Syll. p. 364: (C. variabilis, v.)---

+ ASPERA, Herib. p. 69-3f10: Cl. Nav. p. 175: -(Cocconeoma: *C. gigantea*.)

ASSABENSIS, Castr. Tripoli 1339 p. 3: J.R.M.S. 1339 p. 633; Det. S. p. 355:

acuta, (C. americana, var. a.)

aequalis, a. cl. 1895 p. 19:

" var. diminuta, Gn. - Cl. Nav. p. 170: - (C. obtusa, v. dim.)

" v. Florentina, Gn. - Cl. Nav. p. 170: - (C. subaequalis, v. Fl.)

+ affinis,

+ " v. obesa, Cl. - LeD. vol. 2, No. 17 p. 100-7 f 4.

amphicephala, Cl. Nav. p. 164: 18

" var. hercynica, Cl. Nav. p. 165: - (C. alyssinica)

" " subundulata, Cl. Nav. p. 164: - (

amphioxys, Cl. Nav. p. 164: - LeD. vol. 2, No. 17 p. 145-4 f 2.

C. naviculoides, v. amp.] Nav. 2: in

+ angustata, Cl. 1895 p. 18

aspera, (Cocconema lane, v.) - a. cl. 1895 p. 2

v. crassa, Gn. 1882 p. 141-29 f 28: Cl. Nav. p. 175:

v. Dubravicensis, Gn. - Cl. Nav. p. 175: - (C. gastroides, var.)

v. minor, Gn. - Cl. Nav. p. 175: - (C. gastroides, v.)

v. neogena, Gn. - Cl. Nav. p. 175: - (C. gastroides, v.)

v. Bengalensis, Herib. - Cl. Nav. p. 176: (C. gastroides, v.)

- > AUSTRIACA, Grun.-Atlas pls.9f10; 7If67,63; Cl.139If.4: Del.S.p.359;  
 " var., A.S., Atlas 7If69;  
 + " var. excisa, Grun.1332p.143-29f27; Pant.3f12 -IfII: Del.S.p.360; Cl. Nav. p.163;  
 " v. fossilis, Pant.3p. -3f133;  
 " v. pilosa, Grun.1332p.143-29f29; Cl. Nav. p.163; Del.S.p.360;  
 AVENACEA, Breb., Alg. Ital. p.50, pl.7;  
 BALATONIS, Grun.-Atlas 10f19,20: Del.S.p.368; -(C. helvetica, n)  
 BECCARI, Grun.-Mart. Flor. Bogotensis p.152-IfI,2: Notar.1333f.193;  
 Del.Syll.p.355; Cl. Nav. p.172;  
 BENGALENSIS, Grun.-Atlas 9f12,13; 7If79; Sm.Sp.7.642; Del.S.p.355;  
 J.L.S.1334p.515-43f6;  
 BEVERLIANA, A.S., Atlas 7If56-61; Del.S.p.369; -(Anomoloneis brachysira)  
 BOREALIS, Cl.139If.45-2f19; Nav. p.161;  
 BOTTILLUS, Lagr.-Atlas 7If39; Cl. Nares: Del.S.p.364; Cl. Nav. p.172;  
 (Cocconema; -C. variabilis, v.30)  
 BOECKHII, Floegel, Baltic; Cl.139If.46: (Cocconema; -Doryphora.)---  
 BRASILIANA, Grun.-N.L.W.D.p.4-If4; Cl. & M.177,193; Del.S.p.356;  
 BUDAYANA, Pant.3p. -15f233;  
 " v. gracilior, Pant.3p. -24f363;  
 CAESATII, A.S., Atlas 7If43,48; Cl.139If.45; Kinnora; Del.S.p.369; Nav. p.160  
 CAESPIOSA, Brun Alp. p.53-3f16: (Encyonema.)---  
 " v. pediculus, Brun Alp. p.56-3f13; (Cymb. p.)-  
 " v. ventricosa, Brun Alp. p.56-4f4: Malaisie; -(C. & Frustulia ventricosa)  
 CAPITATA, Pant.3p. -10f150;  
 CHYZERI, Pant.2f.40-IIIf194; Del.Syll.p.358; Cl. Nav. p.175;  
 CISTULA, Hemprich.-Brun Alp. p.53-3f13; Dannf. p.21; Strose, Kleiken; V.  
 H.S.p.64-2f12,13; T.24; B.S.B.Vol.4, p.7-If3,4; Cl. Vega p.490; Gallia,  
 Papen; Wollie pls.6f6,7,12: 7f29,35; Kirch. Alg. Schlies. p.139; Herib.  
 p.70; Del.S.p.365; Cl. Nav. p.173: (Bacillaria; -Cocconema; -C. minor &  
 reniformis; -Gomphonema semiellipticum & simplex; -Lunularia olivacea.)  
 " varss., A.S. Atlas 1If24; Herib. p.71;  
 " v. arctica, Lagr.-Cl.139If.47; Nav. p.173; Cl. 95p.20; (C. variabilis, v.)---  
 " v. curta, Grun.-V.4. Type No.25; Herib. p.72; A. Cl. 1895p.20;  
 " v. fusidium, Her. & P.-Herib. p.71-3f12; -(C. cistula.)  
 " v. hungarica, Pant.3p. -3f40; 2f16,17;  
 " v. maculata, V.-V.1.S.p.34; Cl.139If.47; Del.S.p.365; Cl. Nav. p.173;  
 (C. variabilis & n. C. cistula Frustulia: C. Bouleaux & Pauli.) Cl. 1895p.20;  
 " v. Sicilica, Grun.-Del.S.p.365; Cl. Nav. p.173; -(Cocconema c. var. S.: -(Cymb. s.)-  
 " v. truncata, Brun Alp. p.53-3f2,13q; -(Bacillaria fulva; -C. truncata.)--  
 CLEMENTIS, Pant.3p. -20f303;  
 COPULATA, Breb. Alg. Ital. p.50, pl.7: Del.S.p.370: (Cocconema.)---  
 COSTATA, Rabh. S.D. pl.7f16; (Error in print, C. epithemioides.)-----  
 CRIOPHILA, Grun.1337p.21-7f5; Notar.1339p.335; Del.S.p.359; +  
 CUCUMIS, A.S., Atlas 9f21,22; Del.S.p.369; Cl. Nav. p.165;  
 CURTA, A.S., Atlas 9f47; Wollie pl.7f30; Del.S.p.369;  
 CURVATA, Rabh. S.D. p.23-7f14b; Prit. p.377: Italy: Hoffmann, Marburg;  
 R.E.D. p.32; Del.S.p.361;

> australica, A.S. - Cl. Char. p. 176: - (C. communis)  
+ austriaca, Cl. Nav. p. 163: - (C. communis)  
" v. excisa, (C. Endobenzana.)

Boulcarra, H. S. Brum. - Herib. p. 220 6f 14:  
acutii - (Nav. appendiculata & C.) P. C. 1895

cestula, A. Cl. 1895 p. 20

" v. maculata, K. - V.H.S. pl. 2 f 16, 17:

" v. truncata, Cl. Nav. p. 173:

conifera, Cleve Char. p. 177: Rhinb. p. 220-6f 7:

+ criopnita, (Amper) ...

CUSPIDATA, K.B.p.79-3f40; K.S.A.p.57; Braemar; Mull: S.B.C.Ip.13-2f  
22; R.Alg.Eur.96I, 1030; Prit.p.373-7f45; Heib.p.109-1f4; Arenig Bach:  
New Zealand; Mull: Carr.p.99; S.G.I337p.131, f190; R.E.D.pp.77, 73;  
Brun Alp.p.59-3f6; Nylander, w.: Delogne; Kinnora; Atlas 9f50, 53-55;  
M.T.P.2-4-17; Joffmann, Marburg; Sm.Sp.7.II3; Petit, liste P.I333: Cl.  
I33Ip.4; Vega p.490; I39Ip.47; Gallik, Papan; Strose, Kleiken; Kirch.  
Alg.Schl.p.133: Malaisie; V.H.S.p.3I-2f3; T.No.15; A.S.M.I337p.1.5:  
Belloc, Luchon: Lake Michigan; Wollé pl.7f13, 20; Herib.p.65; *Cl. harp.* 166  
(*C. anglica* & *maculata*.) - *Gl. 1895p.18: Petit Cap Horn*

" *v. naviculiformis*, Andersw. - Rabh. Alg. No. 1035 sub; R.E.D.p.1.73:  
V.H.S.p.3I; Det. S.p.350; - (*Cymb. nav.*)

" *v. obtusiuscula*, Grun. - V.H. type No. 17 - *cl. harp.* 166:  
- (*Cymb. v. & cuspidata*.)

CYMBIFORMIS, Ag. Cons. p.10; Hook. Br. fl. p.4f4; Cl. I39Ip.47; Herib.p.69:  
(*C. cistula*; *Cocconeoma cistula* & c.) - *Leib. Flor. 1830p.327f8:*

+ CYMBIFORMIS, Breb., Alg. Ital. p.49, pl.7; Brun Alp.p.57-3f12; Danf. p.3I;  
Lagr. I334p.36; V.H.S.p.64-2fII; T.No.290; Cl. Vega p.490; Wollé pls.  
5f10; 7f23; Lake Michigan; Gallik, Papan; Strose, Kleiken; Pet. liste  
pl.4f6; Thier I335pl.1f7, 3; Det. S.p.363; Pant. 31. - Ioff 14; *Cl. harp.* 172.  
(*Amphora*; *Cocconeoma*; *C. variabilis*; *Arustulia c. & coffaeiformis*; *C.*  
*inflata* & *perfecta*; *C. valida*; *C. helvetica*, *v. fossilis*.)

" *v. parva*, W. Sm. Det. Syll. p.364; V.H.S. pl. 2f14

" *v. producta*, Pant. 31. - 23f346;

DAVIDSONI, Grun. in litt.:

(*C. Americana v. acuta*.) ---

DELECTA, A.S. Atlas 9f16-18; Det. S.p.369; Herib.p.68; - (*C. Ehrenbergii*, v.)

+ DELICATULA, K.S.A.p.59; R.S.D.p.23; Italy; V.H.S.p.63-3f6; T.No.3I:  
Prit.p.373; Atlas 7f54, 55; Cl. I39Ip.47; Det. S.p.352; *Cl. harp.* 161; -

DIANA, Balfe, Prit.p.377; Carr.p.100; Grun. I333p.13; Malaisie;  
Det. S.p.360; (Cocconeoma.) ---

DIDELIA, A.S. - Cl. I33Ip.4:

EHRENBERGII, K.B.p.79-3fII; K.S.A.p.57; R.S.D.p.22-7fII; Mull; S.B.C.  
Ip.17-2f2I; R.Alg. Nos. 345, 1437, 503; Prit.p.375-7f45; 9f154; R.E.D.p.  
77; Carr.p.99; Bleisch, I363; Heib.p.106; S.G.I337p.131, pl.133; M.D.  
pl.13f3I; Cl. I363p.236; Cl. & M.94; I39Ip.45; Roper, Thames; Mull: Sm.  
Sp.7.II7; Nylander, w.: Prollins p.54; Strose, Kleiken; Macdonald pl.  
10f20; Lagr. I373p.42-2f17; Atlas 9f6-9; M.T.P.2-4-12; Kinnora; Brun  
Alp.p.59-2f30; Grevillea I372p.39; Pet. liste p.13; I333pl.4fI; Italy:  
Perag. p.54; Joffmann, Marburg; Kirch. Alg. Schl. p.137; Lake Michigan; V.  
H.S.p.60-2fII; T.No.14, 15; Belloc, Luchon; Wollé pl.7f3, 2I, 25; Det.  
Syll. p.549; Spaner, Daren; Gerling pl.1f2; Herib.p.64; *Cl. harp.* 165:  
(*C. inaequalis*; *Arustulia*.)

" *vars.*, A.S., Atlas 7f74, 80: *delecta* -

" *v. minor*, Herib.p.65; - (= *var. delecta*.) - V.H.S. pl. 2f2:

" *v. stauroneiformis*, Rabh. E.D.p.77:

ELEGANS, Cramer. - R. Alg. I44I sub; Hedw. Vol. 2p.65; Synniew. Okoz.

I360p.5I7-1f16; Det. S.p.355; *cl. harp.* 162:

(*C. gastroides*.) ---

ELIPTICA, Ag. Cons. p.3: *Synniew. Okoz.*

(*Amphora*; *Arustulia*.) ---

ENCYONEMA, Heib.p.110; Cl. I333p.233;

(*Encyonema*

*caespitosum* & *prostratum*; *Cocconeoma cymbiforme* & *variabile*.) ---



+ cymbiformis, A. Cl. 1895 p. 20:

+ var. stegorum, Br.-L. D. Vol. 2, no. 16 p. 56-57 26.

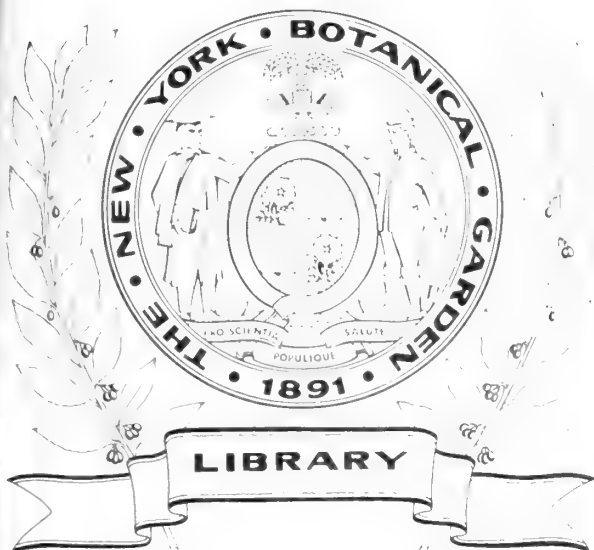
+ delicatula, Cl. 1895. Cl. L. = 33:

Ehrenbergii.

" var. delicta<sup>alb.</sup>, Cl. Nav. p. 165: - (C. delicta & Ehrh. r. minor.)

- ENCYONEMA, Leiberg. p. 110: Cl. 1333p. 233: (*C. prostrata*. - (Encyonema caespitosum & prostratum: -Cocconeoma cymbiforme & variabile.)
- EPITHEMIOTIDES, Rabh. S.D. p. 22-7f16: R.E.D. p. 79: Italy: Prit. p. 376: Spamer, Duren; Del. Syll. p. 360: (Vide C. costata.) ---
- ERDOBEDYANA, Pant. 2p. 40-II f193: Del. Syll. p. 353: - (*C. austriaca*, v. *excisa*.)
- EURYPEPHALA, Rabh. -Prit. p. 376: R.E.D. p. 79; Del. S. p. 360: (*E. pachycephala*.) --
- EXCISA, K.B. p. 30-6f17; K.S.A. p. 53; R.S.D. p. 23-7f7; Prit. p. 376: Italy: R.E.D. p. 79: Atlas 7f35, 36; Belloe, Lichon; Perag. p. 54: Del. S. p. 357; Wolle pl. 7f9, 10: (Cocconeoma.) ---
- " forma major, Gutwinski Mat. Fl. Galiciei 1890p. 25-1f21; Notar. 1890p. 139; Del. S. p. 357: - (*C. affinis*.)
- FLEXELLA, K.B. p. 30-4f14; 6f3; R.S.D. p. 23-7f15; Pröllius p. 54: Ebert, Cassel; Hoffmann, Marburg; (Achnanthes; -Achnanthidium Bavaricum: -Cocconeis *Thwaitesii*.) ---
- FORNICATA, R.S.D. p. 22-10f9; R.E.D. p. 73: Prit. p. 376: Del. S. p. 360:
- FRIESIANA, Grun. -Cl. & M. 261; N.L.W.D. p. 5: Del. S. p. 356; - (*Nav. Lundströmii*, var.)
- FULVA, Ag. Cons. p. 10: *Bacillaria*: - (Navicula.) ---
- FUSIDIUM, Rabh. S.D. p. 23-7f3; Schum. 1.1. p. 64: (Cocconeoma.) ---
- GASTROIDES, K.B. p. 79-6f4b; K.S.A. p. 57; R.S.D. p. 1-21-7f2; Weisse 1330p. 350-1f9; 1334p. 360-1f12; Westendorp, G.: Hilse, 1330p. 66: Prit. p. 377-14f13-20; Spamer, Duren; Bleisch, 1333; Neupauer p. 199-3f39; Pfitzer p. 79-4f11; R.E.D. p. 79, f20; Borsow pl. 1f17; <sup>ad</sup> Del. Sp. 1. 23; R. Alg. No. 1231: Eiben, 1371; Pröllius pp. 55, 102-2f5, 6; M.T.P. 2-4-13; Pet. liste p. 13; Delogne; Sm. Sp. 1. 113; K. & Z. p. 14-1f2; Gallik, Papan; Atlas 9f1, 2: 72f 12-14, 26-28; Lake Michigan; Cl. & M. 32; V. 1. S. p. 63-2f3; 1. No. 20: Cl. Vega p. 490; 139Ip. 46; Brun & T. p. 71: Humboldt Jahrg. 1332p. 132, cum iconis; Grun. 1334p. 45-1f7; Trien 1335pl. 1f5; Belloe, Lichon: Perag. p. 55: Wolle pl. 7f4, 5, 12, 13, 23; Del. S. p. 361; Herib. p. 63: A.M.M.J. 139I pl. 1f11: (C. maxima; -C. elegans; -Frustulia.) --
- " var. "b" minor, V. 1. S. p. 63-2f9; Herib. p. 63: - (*C. aspera*, v.) VHS 2f9;
- " var., K.B. p. 79-6f4a; K.S.A. p. 57; - (*C. truncata*; -Bacillaria fulva.) ---
- " var. crassa, Grun. 1332p. 141-29f28: - (*C. aspera*, v.)
- " v. Dubravica, Grun. 1332p. 141-29f30: - (*C. aspera*, v.)
- " v. Helvetica, Rabh. E.D. p. 30: (Cymb. H.) -
- " v. Kamtschatica, Grun. -Del. Syll. p. 362:
- " v. Neogena, Grun. 1332p. 141? (*C. aspera*, v.)
- " v. substomatophora, Gutwinski Baykal: Notar. 139Ip. 353; Del. S. p. 362:
- GEMINATA, Breb., Alg. Fal. p. 50, pl. 7: (C. maculata.) ---
- GIBBA, Bailey 1354pl. 1f1: B.J.N.H. 1332p. 331-f'g': (Cocconeoma cum stipem.) -
- GIGANTEA, Pant. 3p. -21f321; - (*C. aspera*.)
- GRACILIS, E.-K.B. p. 79-6f9; K.S.A. p. 53; R.S.D. p. 22-7f12; Prit. p. 377: Carr. p. 100: Neupauer p. 139-1f13; Schum. 1.1. p. 64; 1339p. 35: R.E.D. p. 81; Nylander, W.: Sm. Sp. 1. 119; Brun Alp p. 62-3f1; Belloe, Lichon: Wolle pl. 7f26; Spamer, Duren; Hoffmann, Marburg; Cl. Nav. p. 169: (C. affinis & maxima; -Cocconeoma; -Encyonema: *C. Scotica humula*.)

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*gracilis, cl. 1895a. 11.*

- v. laevis, Naeg.-R.E.D.p.81: V.H.S.pl.3f1b; Italy:  
 Belloc, Lichon: *Brun. Alpes* p.62: (C. laevis.)----  
 v. minuta, Hilse.-R.E.D.p.81: (C. minuta.)  
 v. robustior, R.E.D.p.81: (C. gracilis, K.B.)---  
 v. Scotica, Rabh.E.D.p.81: (C. Scotica.)---  
 GREGORII, Ralfs, Prit.p.876: R.E.D.p.79: (C. truncata.)--  
 GRUNOWII, Pant.3p. -19f233;  
 HAUCKII, VanH.-Hauek & Richter Phyk.Univ.No.147 cum icone;  
 Notar.133p.322: Det.S.p.354; *Cl. Nav.* p.164-4f24:  
 HELVETICA, K.B.p.79-3f13; K.S.A.p.53; R.S.D.p.22-7f4; S.B.D.Ip.13-2f  
 24: Q.O.M.S.1354p.3-4f5; weisse 1360p.350-1f10: Prit.1352pl.17f24-  
 23: 136Ip.376-14f24, 28: Carr.p.99: New Zealand: Hull: R.E.D.p.30:  
 Atlas 104f13; Pet. & Leud.; liste p.13; M.T.P.2-4-16: Dannf.p.21: Sm.  
 Sp.1.120: ~~Brun. Alp. p.60-3f13~~ Cl.133Ip.4: 139Ip.47; Italy: V.H.S.p.  
 34-2f15; 1.32; Belloc, Lichon: Perag.p.55: Wollé pl.7f3: Malaisie: Det  
 Syll.p.363: Herib.p.72: *Cl. Nav.* p.174: *Tolstoa* p.4-1  
 (C. elegans, leptoceras, Smithii, & gastroides, v.: -Cocconema.)  
 vars., S.B.D.2p.34: -, Atlas 10f21: -, 11f21:  
 v. abbreviata, Grun.-V.H.T.No.33:  
 v. fossilis, Pant.3p. -9f153: (C. cymbiformis.)----  
 HERCYNICA, A.S. Atlas 9f30, 31; Kinnord; Det.S.p.369;  
 HETEROPLEURA, E.-Amer.p.133; K.B.p.79: K.S.A.p.57: R.S.D.p.22; Prit.  
 p.876: R.E.D.p.33; Cl. & M.23; M.T.P.2-4-13: Sm.Sp.1.121: Atlas 9f4, 5;  
 Mobile; Wollé pl.7f1, 2; Cl.139Ip.45; Det.S.p.361: *Cl. Nav.* (Pinnularia.)--  
 var., A.S., Atlas 9f3:  
 HEVESENSIS, Pant.2p.40-3f53; Det.Syll.p.353; *Cl. Nav.* p.175:  
 HOPKIRII, Harvey Man.p.215: K.S.A.p.37: (Navicula gracilis.)  
 (Cocconema.)---  
 HUNGARICA, Pant.2p.40-1f14; Det.S.p.353: -(C. leptoceras.)  
 HYALINA, Ag.Cons.p.7; Brit.Fl.p.414; S.B.D.2, p.102: R.E.D.p.33;  
 Det.S.p.370: (Frust.: -Nav. gracilis.)--  
 HYBRIDA, Grun.-Cl. & M.131; Det.S.p.370: *Cl. Nav.* p.166- (C. aequalis, v.)  
 4f23:  
 INAEQUALIS, W.S.-A.M.N.H.1355p.255-9f4;  
 INCERTA, Grun.-Cl. & M.96: Sm.Sp.T.643; V.H.T.No.30 sub;  
 Det.Syll.p.369: *Cl. Nav.* p.170:-(C. prioca, var. i:-(C. subaequalis (Grun.)  
 INCRASSATA, Breb. Alg. Ital.p.51, pl.7: (Epithemia gibba.)--  
 INFLATA, Breb. Alg. Ital.p.50, pl.7: Det.S.p.370:  
 INFLATA, Pant.3p. -3f95: (C. cymbiformis.)----  
 INTEGRATA, A.S., Atlas 7f64-36; Det.S.p.363: (Navicula.)-  
 JANISCHII, A.S., Atlas 7f131: Det.S.p.369: *Cl. Nav.* p.177:-(Cocconema.)-  
 JIMBOI, Pant. pt. 3 pl. 85f130: *Cl. Nav.* p.177:-(C. cistula?)--  
 KAVNENSIS, Pant.2p.40-11f136: Det.S.p.353; -(C. leptoceras)  
 KOCHII, Pant.3p. -1f2:  
 LAEVIS, Naeg.-K.S.A.p.59; R. Alg.424; R.E.D.p.81; Sm.Sp.T.344; V.H.  
 S.p.32-3f7; Perag.p.55: Cl.139Ip.47; Det.S.p.352: Herib.p.66:  
 (C. gracilis, v.: -Cocconema.) *Cl. Nav.* p.162:  
 LAETEVIENSIS, Harvey Man.p.215; K.S.A.p.73: (Nav. viridis, K.V---  
 LANCEOLATA, Ag.Cons.p.9: Not. Zeich. 1826:-(Navicula l. & vilpina.)--

> gracilis, var. lunata, W.S. - Cl. 1895,

hybrida, Gn. - Cl. Nav. p. 169: - (Eucyonema) cl. 18

" forma maxima, A.S. Atlas 7f 11: Cl. Nav. p. 169: -

helvetica, W.S. - Bonn Alp. p. 60-3 f 2, 11:

" v. Balatonis, Gn. - Cl. Nav. p. 174: - (Cym. Bal.)

" v. curta Cl. Nav. p. 174: - (C. Tringibula)

heteropleura, A. Cl. 1895 p. 18:

" v. minor, Cl. Nav. p. 167: Atlas 7f 51, 52: (C. Ehr. var.) Cl. 1895 p. 18

" v. lanceolata, A. Cl. 181: p. 19

" v. subrostrata, Cl. Nav. p. 167: - (C. hets. cf. A.S.)

incerta,

" var. naviculacea, Gn. - Cl. Nav. p. 170: - (C. Nav.)

inelegans, Cl. Nav. p. 168-5 f 1: - (Eucyonema)

Jordani, Gn. - Cl. Nav. p. 169: 5 f 3, 4: - (Eucyonema).

Kamtschatica, S. - Atlas 10 f 31: M.T.P. 3-2-40 (C. Mex. ... ) Woll. pl. 7 f 11.

Lacustris, Ag. - Cl. Nav. p. 167: - (L. M. # 108: - (ColleTonema C. &

subcohaerens: - Eucyonema C. & Illigeri: - Schiz.)

- LANCÉOLATA, E.-Brin Alp. p. 57-3f19; Dannf. p. 20: Lanzi, Tor.: Kirchner Alg. Schliesen p. 133: Gallik, Papan; V. A. S. p. 33-2f7; T. 13; Malaisie; Trian 1335 pl. 1f3: Lake Michigan; Cl. 139 Ip. 43: Strops, Kleiken; Del. Syll. p. 333: Pant. 3p. : Herib. p. 33: *Cl. Nav. p. 174: 1895 p. 20-1f12* (Cocconema; -C. gastroides & maxima.) ---
- " var., A. S., Atlas 10f1: , Herib. p. 39:
- " v. aspera, Brin Alp. p. 57-9f16; Del. S. p. 333: - (Cymbella & Cocconema.) ---
- " v. cornuta, Grun. 1332 p. 141: *Cl. Nav. p. 174: - (Cocconema c.)*
- " v. fossilis, Pant. 2p. 40; 3p. -23f344: Del. S. p. 333; *Cl. Nav. p. 174:*
- " v. robusta, Pant. 3p. -23f350;
- LATEFASCIATA, Ag. Cons. p. 3: (Navic. cuspidata.) ---
- LATESTRATA, Pant. 3p. 7. -1f9: (C. Austriaca, v?)
- LEPTOCERAS, K. B. p. 79-3f14: K. S. A. p. 53; R. S. D. p. 22-7f14a: Prit. p. 377: Schum. H. 1. p. 64; Nylander, w.: R. E. D. p. 31: Brin Alp. p. 62; Wille pl. 7f3: Italy; Hoffmann, Marburg; V. A. S. p. 62-~~2~~18; Lake Michigan; Perag. p. 55: Del. Syll. p. 353; Herib. p. 60: *Cl. Nav. p. 162: (C. hungarica, Kaonensis, Neupauer)* (Cocconema; -C. affinis & Helvetica; -Cymbophora maculata.) ---
- " var. "b" elongata, V. A. S. p. 62-~~3~~24; "A" 12; Perag. p. 55: Del. S. p. 353;
- LINDHEIMERI, Grun. -Atlas 10f34, 35; Del. S. p. 369;
- LINSAYANA, Grev. -Trans. Bot. Soc. Edinb. 1364 p. 234-3f3: Del. Syll. p. 353; New Zealand;
- " vars., Grev. -Trans. Bot. Soc. Ed. 1364 p. 234-3f5-7:
- LINEATA, Harvey Manual p. 215; K. S. A. p. 59: (Cocconema cymbiforme.) ---
- LUNATA, S. B. D. 2p. 34; A. M. N. H. 1355 p. 43-9f5; Prit. p. 377; R. E. D. p. 32: Carr. p. 100: Petit, 1333 p. : Del. S. p. 361: (Encyonema.) ---
- LUNULA, Rabh. S. D. p. 23-7f11; R. Alg. No. 1166; Ebert, Cassel: Wisse 1330 p. 353-1f11; 1364 p. 107-1f7; Hoffmann, Marburg; Spamer, Duren; (C. maculata, v.)
- MACULATA, K. B. p. 79-6f2a, b; 29f32; K. S. A. p. 53; Marissal; Mull: S. B. D. Ip. 13-2f23; R. Bac. No. 63; Prit. p. 377; Carr. p. 99: R. E. D. p. 30: Arenig Bach; Hull: Neupauer Asatag p. 192-2f42; Suring. Jap. p. 15-2f24: Italy: Nylander, w.: Del. 1373 p. 43; 1334 p. 59, f6; Delogne; Petit & Leda.; K. Alg. No. 35: Atlas 10f3; Strops, Kleiken; Cl. 133 Ip. 4, 3; Nares; Sm. Sp. 1. 122; Perag. p. 55; Malaisie; Lake Michigan; De Toni, Port.: Wille pl. 7f22; Trian 1335 pl. 1f9; (C. ventricosa: - (Cocconema; - C. & Coccolunula; -C. cuspidata, cistula, var., & geminata; -Frustulia.) --- (C. lunula.) -
- " v. major, Rabh. E. D. p. 30: (Nav. Brebissonii.) ---
- MARGINATA, Harv. Man. p. 215; K. S. A. p. 37: (Nav. Brebissonii.) ---
- MARINA, Pant. 3p. -19f274: - (Amphora angusta, v. ventr.)
- MARINA, Cestr. 1337 p. 21-27f13: Del. S. p. 359; - (Amphora angusta)
- MAXIMA, Naeg. -K. S. A. p. 90: R. S. D. p. 22; Prit. p. 377: (C. gastroides, gracilis & lanceolata.) -
- + MICROCEPHALA, Grun. -V. A. S. p. 33-3f33-39; Ballo, Liehon; Cl. 133 Ip. 4: Perag. p. 55: Del. S. p. 353; Herib. p. 37: *Cl. Nav. p. 160: - (C. minuscula.)*
- MICROSTOMA, R. S. D. p. 22-10f3; Prit. p. 377: R. E. D. p. 35; Del. S. p. 355;
- MINOR, Ag. Cons. p. 3: British Flora p. 414: (Cocconema cistula; -Frustulia; -Sirirella thermalis.) ---
- MINUSCULA, Grun. -Atlas 9f33-31: Del. Syll. p. 359: - (C. microcephala.)

Laponica, Cl. Nav. p. 165-4 f28: Cl. M. # 271: (C. 1895, 11)

Lata, Gn. - Cl. Nav. p. 165-4 f27:

Leptoceras, Cl. 1895 p. 18:

" v. angustata, Gn. 1882 p. 142-29 f33, 34: Cl. Nav. p. 163:

" v. excisa, Pet. - Gn. 1882 p. 142: Cl. M. 195: Cl. Nav. p. 163:  
(C. turgida, var. ex.)

" v. minor, Gn. 1882 p. 142-29 f32: Cl. Nav. p. 163:

" forma cincta, Hensl. p. 220:

lunula, (C. gracilis.)

Mexicana, E. Cl. Nav. p. 177: - (C. Kant.: - Cocconema.)

microcephala, Le D. 2, 20. 17 p. 100 f8: Cl. 1895, 17:

- MINUTA, Hilse, Rab. Alg. p. 66, 1363; Alg. Eur. No. 1261; R. E. D. p. 31; Perag. p. 55: (C. gracilis, v.: -Encyonema ventricosum.) ----
- MOLLERIANA, Grun.-Atlas 9f71-75; Det. Syll. p. 369: Cl. Nav. p. 167:
- NAVICULA, Ralfs, Prit. p. 377; Atlas 9f35; M. T. P. 3-2-5; Det. S. p. 370: (Cocconeis.) ----
- NAVICULACEA, Grun.-Cl. & M. No. 272; Cl. 1331p. 4, 13-3f11; 1391p. 45; Det. Syll. p. 357: (C. incerta, v.) (C. pisciculus, v.) ---
- " v. incerta, Cl. 1331p. 12; 1391p. 45:
- NAVICULAEFORMIS, Abersw.-Rab. Alg. Eur. 1065; Heib. p. 103-1f3; Kinnora; Cl. 1337p. 667; 1333p. 236; Schum. H. T. pp. 42, 63-2f29; Gallia, Papan; Lake Michigan; Kirch. Alg. Schl. p. 137; A. J. M. 1373p. 103; Wille pl. 7f7, 14; Herib. p. 65: Cl. Nav. p. 166: (C. anglica, pp.: - (C. cuspidata, v.) ----
- " var., H. V. H. S. pl. 2f5:
- NEUPAUERI, Pant. 2p. 40-11f137; Det. S. p. 353: - (C. leptoceras.)
- NORVEGICA, Grun.-Atlas 9f67, 68; 10f33, 41; Cl. 1391p. 45; Kinnora; Herib. p. 37; Det. Syll. p. 369: Cl. M. #268. Cl. Nav. p. 169: Cl. 1895p. 11
- NOVILUNARIS, Ag. Cons. p. 9; K. S. A. p. 37; Det. Syll. p. 361; Bot. Zeit. 1826:
- OBTUSA, Pantoc. 3p. -5f79: - (C. aequalis.)
- OBTUSA, Greg.-M. J. 1356p. -1f19; S. B. D. 2p. 102; Prit. p. 377; Italy: Sm. Sp. 1. 645; Carr. p. 99; Petit, Nimrou; Malaisie; Atlas 9f41-45; 71f72; V. H. S. p. 31-3f1a; 1. 129; Dannf. p. 22; Det. S. p. 351; Herib. p. 65:
- " v. diminuta, Grun.-V. d. 1. No. 129 sub: - (C. aequalis, v. diminuta.)
- OBTUSIUSCULA, K. B. p. 79-3f68; K. S. A. p. 57; R. S. D. p. 23-7f3; Prit. p. 376; New Zealand: Schum. H. T. p. 64; R. E. D. p. 32; Italy: Atlas 9f49; Amazon: Kinnora; Cl. Nav. p. 161: (C. cuspidata, v.) ----
- OLIVACEA, Breb. Alg. Ital. p. 51, pl. 7; Det. S. p. 370:
- OPERCULATA, Ag. Cons. p. II: Bot. 1. 1817: (Fristulia: - (Cyclotella.) -
- ORSINIANA, Rabh. S. D. p. 23; R. E. D. p. 32; Det. Syll. p. 359: (Cocconeis gibbum, v.: -Fristulia.) -
- OVALIS, Breb. Alg. Ital. p. 50, pl. 7: (Amphora; -Cyclotella.) ---
- PACHYCEPHALA, Rabh. S. D. p. 22-7f10; Prit. p. 376: (C. eurycephala.) ----
- PACHYPTERA, Pant. 3p. -21f304, 315;
- PARVA, H. V. H. S. p. 34-2f14; 1. No. 23; Lake Michigan; Cl. 1331p. 4; 1391p. 47; Gallia, Papan; Wille pl. 7f19; Herib. p. 70: Cl. Nav. p. 172: (Cocconeis; -C. affinis: -C. euryptera, v.) Coc. pachyptera.)
- PAULI, Her. & Perag. -Herib. p. 70-3f11: - (C. cistula v. mac.)
- PEDICULUS, K. B. p. 30-5f3; 6f7; K. S. A. p. 53; A. M. N. 4. 1353p. 2-1f13-20; R. Bac. No. 19; R. Alg. No. 461; Neupauer p. 192-2f41; Schum. H. T. p. 64; R. E. D. p. 32; Perag. p. 55; Ebert, Cassel; Bellec, Lichon: (Amphora; -Cocconeis; -Fristulia lens.) --
- PELAGICA, Castr. 1337p. 21-27f4; Det. Syll. p. 359;
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- PERFECTA, Pant. 3p. -17f249: (C. cymbiformis.) ---
- PHOENICENTERON, Ag. Cons. p. 10: -C. bacillaria: - (Navicula; -Stauroneis.) --
- PICIA, Breb. Alg. Ital. p. 50, pl. 7: (Cystopleura & Epithemia turgida.) -
- PISCICULUS, Greg.-M. J. 1356p. 5-1f20; S. B. D. 2p. 102; Prit. p. 376; Carr. p. 99; Italy: R. E. D. p. 79; Kinnora; Sm. Sp. 1. 646: - (C. gracilis, v. laevis.) --



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 (*Frustulia* & *Signatilla nitzschii*: -*Navicula*; -*Synalga*.)  
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 SIQUATA, Grun. -M. O. 1351p. 4-1f17; Prit. p. 375; Carr. p. 99: Cl. Nav. p. 170:  
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 SVAVIS, Pant. 3p. -15f229;

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" v. antiqua, Jr. - Cl. Nav. p. 171: - (C. abnormis, v.)

" v. fossilis, Pt. - Cl. Nav. p. 171: - (C. " v.) -

spuria, Cl. Nav. p. 166: L. 2, no. 17 p. 100 - 7 f 5, 6.

SUBAEQUALIS, Grun.-V.H.S.p.31-3f2,4; T.No.29; "A"fl: Herib.p.65:

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-(*C. aequalis*.)

" v. Florentina. Grun.-V. H.S. 11.3f3; T.No.30; -(*C. aequalis*, var. F.)

SZONTAGHII, Pant.3p. -10f161;

TRUNCATA, Greg.-M.J.1355p.37-4f3; R.S.D.p.21-7f3; S.B.D.2p.101: Prit.  
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(*C. affinis*-Gregorii-cistula, var., & gastroides, v.)

TUMIDA, Breb.-V.H.S.p.64-2f10: T.21; Cl.Vega p.490; 139Ip.47; Det.S.

p.333: Herib.p.72: -(*Cystopleura*; -*Cocconema stomatophora* & t.) Cl.N.p.176

7 TUMIDULA, Grun.-Atlas 9f33; Sm.S.1.347; Cl.& M.195; V.1.1.No.27;

(*C. maculata*, Breb.: -*C. affinis*, v., & *amphicephala*, v.) -- Cl. Nav. p.171

TURGIDA, Hassall Alg.p.423-100f7: (*Cystopleura*; -*Epithemia*.)

TURGIDA, Greg.-M.J.1356p.5-1f13; S.B.D.2,p.102: Prit.p.376: Carr.p.99:

Grun.1365p.9; Amazon: R.E.D.p.79: Atlas 9f34; Malaisie; Brun Alp p.

30-3f4; Pet.1383: Perag.p.55; Pant.3p.7-3f103; Belloc, Luchon;

(*Encyonema*.) -- Cl. Nav. p.168: 1895p.19

TURGIDULA, A.S., Atlas 9f23-26; Petit & Leud.; liste p.13; Dannf.p.

21; Cl.& M.No.36; Cl.138Ip.3; V.H.1.27 sub; Perag.p.55: Wille pl.

7127; Belloc, Luchon; Det.S.1.370; Herib.p.63: Cl. Nav. p.171: (*C. turgidulapp*)

VALIDA, Pant.3p. -9f154: -(*C. cymbiformis*.) -

VARIABILIS, Grunberg p.110: Lagr.1373p.44: Cl.1363p.233:

(*Cocconema* v., *cistula*, *cymbiforme*, *lanceolatum*: *C. ventricosa*.)

" var."f" arctica, Lagr.1373p.44-2f21:

(*Cymb.a.*) -

" var."g" botellus, Lagr.1373p.44-2f22:

(*C. botellus*.) -

VARIABILIS, Wierbroth.-Breb.Alg.Fal.p. : Brun Alp.p.31-3f3; Cl.

1367p.367: Italy:

(*C. cistula*, v., &

*maculata*; -*Cocconema* v., *cistula*, *cymbiforme*, *lanceolatum*.)

VEGETA, Pant.3p. -24f359:

VENTRICOSA, Ag.Cons.p.9; W.B.p.30-6f16: W.S.A.pp.53,37: S.B.D.2,p.34;

R.S.D.p.23-7f9; Braemar; R.D.Ex.No.24; Weisse 1330p.353-1f12; Prit.

p.377: Sur.Jap.p.15-2f25; Girard Moss.p.9-2f11; Carr.p.99; R.E.D.p.

32: Hull; Bleisch, 1363; Italy; Ebert, Cassel; Petit liste p.13; Brun

Alp p.56-4f4; Hoffmann, Marburg; Spamer, Duren; Prollius p.55; Perag.

p.55; Wille pl.6f13: Cl. Nav. p.168: + (*Cocconema gibbum*: -*Frustilia*;

*Cymbophora*; -*Encyonema* v., & var.: -*C. ventricosa*, var., & *affinis*.) ---

YARRENSIS, Brun & T.p.71: Cl. Nav. p.162:

(*Encyonema*.) ---

ZEBRA, Hassall Alg.p.423-100f8;

(*Epithemia*; -*Cystopleura*.) ----

CYMBOPHORA. ---- (Breb., 1838) ~ Kz. Syn. p.37 = Subg. of *Gomphonema*:

CONIFERIFORMIS, Breb., Cons.p.14:

(*Amphora*.) ----

FULVA, Breb. Cons.p.14:

(*Gomphonema simplex*.) ---

GASTROIDES, Breb. Cons.p.14:

(*Gomph. simplex*.) ----

MACULATA, Breb. Cons.p.14:

(*Cymbella leptoceros*; -

*Encyonema lunula*; -*Enc. ventricosum*, var.)

VENTRICOSA, Breb. Cons.p.14;

(*Cymbella*; -*Encyonema*.) ---

triangulum, E. - Cl. Nav. p. 168: - (Ency.: - *Eloconium*.)

tumida, (*Cocma. gibbum*: - *C. stomatoph.*)

" var. borealis, Gn. - Cl. Nav. p. 176: - (*C. stomat. var.*)

" v. fossilis, Gn. - Cl. Nav. p. 176: - (*C. stomat. "*)

" " , gibba, Gn. - Cl. Nav. p. 176: - (*C. stomat. "*)

tumidula, Led. vol. 2, no. 17 p. 100-7 f 7.

turgida,

" var. excisa, Petit, Bull. Soc. Fr. 1877 pl. 152: - (*C. leptoceras*, v.)

turgidula,

" v. salinarum, Gn. - Cl. Nav. p. 171:

Oestrup 1897 p. 317:

ventricosa, - (Ency. prot., pp., *Auerswaldii* & *caespitosum* &

*lunula*: - *Cocma. lunula*: - *C. maculata*, *silesiaca*,

*minuta*, *variabilis* & *affinis*, var.) Cl. 1895 p. 19:

" var. caespitosa, K. - A. Cl. 1895 p. 19:

" var. obtusa, Gn. - Cl. Nav. p. 169: - (Ency. caesp. v.)

" v. ovata, Gn. - Cl. Nav. p. 169: - (Ency. caesp. v.)

-, Meneg. A. N. C. p. 403:

ACARDIUM, K. B. p. 77-20f5; K. S. A. p. 57; Italy: Phil. p. 375-14f14; R. E. D. p. 113, f29; Grun. 1333p. 7; M. D. p. 14f13; N. & R. S. p. 33; M. T. P. 2-3-4; Hort. Cey. p. 14; Woll. pl. 29f5, 6:

(*Achnanthes seriata* & *subsessilis*: ~~*Achnanthes*~~ var. *seriata*?)

MINUTULA, Grun. 1333p. 146-13f17; R. E. D. p. 113: (= *Achnanthes glabrata* v.)

CYSTOPLEURA. --- (Zeb. 1847) -

- ALPESTRIS, Breb. - K. S. A. p. 3: (C. alpis, v.: - Epithemia.) -
- ARGUS, E. - Kunze Rev. Pl. p. 391; Del. Syll. p. 732: (Epithemia.) ---
- " v. alpestris, Breb. - De Toni, Syll. p. 733: (Cyst. a.) -
- " v. Goeppertiana, Hilde. - De Toni, Syll. p. 733: (Epith. G.)
- " v. longicornis, W. S. - De Toni, Syll. p. 733: (Epithemia & C. long.) ---
- ARGENTINA, Brun & Tj. - Del. S. p. 733: (Epith. A.)
- BALTICA, Schum. - Del. Syll. p. 739; Kunze Rev. Pl. p. 739: (Epith. B.)
- BIHARENSIS, Pant. - Del. Syll. p. 733: (Epith. B.)
- CLAVATA, Dickie. - De Toni, Syll. p. 733: (Epith. c.)
- CAPITATA, Schum. - Del. S. p. 739; Kunze Rev. Pl. p. 391: (Epith. c.)
- CILIATA, Meneg. - Del. Syll. p. 739: (Ep. cil.) -
- COSTATA, Meneg. - De Toni, S. p. 739: (Ep. cost.)
- CINGULATA, E. - De Toni, Syll. p. 790: (Ep. cing.)
- CISTULA, Kunze Rev. Pl. p. 391; Del. S. p. 790: (Ep. cist.)
- " v. lunaris, Grun. - Kunze Rev. Pl. p. 391; Del. S. p. 790: (Ep. lun.) -
- COCCONEMA, E. - Kunze Rev. Pl. p. 391; Del. S. p. 790: (Ep. coc.) -
- DEBYI, Pant. - De Toni, Syll. p. 737: (Epith. D.)
- ERUCAEFORMIS, Pant. - Del. Syll. p. 733: (Ep. eruc.)
- " v. subcapitata, Pant. - De Toni, Syll. p. 733: (Ep. sub.) -
- GIBBA, Kunze Rev. Pl. p. 391; Del. S. p. 730: (Ep. gibba.)
- " v. Boryana, Pant. - De Toni, Syll. p. 731: (Ep. g., var.) ---
- " v. gibbosa, Schaarschmidt Aegin. p. 7; Del. S. p. 731: (Ep. g.)
- " v. parallela, Grun. - Del. S. p. 730: (Ep. par.) -
- " v. rectimarginata, Ratt. - Trans. Bot. Soc. Ed. (Tolstoa) 1883p. 433-29f5; Del. Syll. p. 731: (Ep. par.)
- " v. subparallela, Schaar. Aegin. 1831p. 7; Del. S. p. 731: (Ep. par.)
- " v. tumida, Schaar. Aequator. 1881p. 7; Del. S. p. 731: (Ep. par.)
- " v. ventricosa, E. - De Toni, Syll. p. 731: (Epith. vent.) --
- GIBBERULA, Kunze Rev. Pl. p. 391; Del. S. p. 730: (E. gibber.) ---
- " v. minuta, Hantz. - De Toni, Syll. p. 733: (Ep. min.) -
- " v. perlonga, Pant. - De Toni, Syll. p. 737: (Ep. per.) -
- " v. proclata, Grun. - Del. Syll. p. 733: (Ep. pro.) -
- " v. protracta, Grun. - De Toni, Syll. p. 733: (E. protr.)
- " v. quinquecostata, Rabh. - Del. Syll. p. 733: (E. quin.) -
- " v. rufescentis, Grun. - Del. Syll. p. 733: (Ep. ruf.) -
- GLOBICEPS, Heiberg. - De Toni, Syll. p. 737: (Ep. g.) ---
- HYNDMANNII, W. S. - De Toni, S. p. 779: (Epithemia.)
- INFLEXA, Pant. - De Toni, Syll. p. 737: (Ep. inf.) -
- LINDIGII, Kunze Rev. Pl. p. 391; Del. S. p. 731: (Ep. Lin.) -
- KURZIANA, Rabh. - De Toni, Syll. p. 739: (Epith.) ---

> *C. cuneata*, Grun.; Moller  
Cat. 1897 p. 16: \_\_\_\_\_ ?

Sendrelion. -  
Pant., 1892. -



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- MARGARITIFERA, Rabh.-Kunze Rev.Pl.p.391; Det.S.p.731: (Epithemia.)-  
 MONOLIFERA, Petit.-DeToni, Syll.p.739: (Epith.m.)  
 MULTICOSIATA, Pant.-Det.Syll.p.737: (Ep.milt.)  
 MUSCULUS, K.-Kunze Rev.Pl.p.391; Det.S.p.735: (Epith.)--  
 ' v.constricta, Breb.-DeToni, Syll.p.735: (Ep.con.)--  
 OCELLATA, Breb.-K.S.A.p.3; Det.Syll.p.733: (Epith.)--  
 PETHOEI, Pant.-Det.Syll.p.733: (Epith.)--  
 SCUTELLUM, Breb.-Kunze Rev.Pl.p.391; Det.S.p.739: (Ep.scut.)  
 SMITHII, Cairuthers.-Kunze Rev.Pl.p.391; Det.S.p.739: (Ep.Sm.)--  
 SUBSALSA, Pant.-Det.Syll.p.733: (Ep.sib.)-  
 ' v.validior, Pant.-Det.Syll.p.733: (Ep.val.)-  
 SOREX, K.-Kunze Rev.Pl.p.391; Det.S.p.730: (Ep.sorex)  
 SALINA, Pant.-Det.Syll.p.779: (Ep.sal.)-  
 ' v.rufa, Pant.-Det.Syll.p.779: (E.rufa.)-  
 TURGIDA, W.S.-Kunze Rev.Pl.p.391; Det.S.p.777:-(Epithemia; -Eunotia.)--  
 ' v.granulata, E.-Det.Syll.p.773: (Ep.gr.)--  
 ' v.vertagus, E.-Det.S.p.773: (Ep.vert.)  
 ' v.westermanni, E.-Det.S.p.773: (Ep.w.)---  
 ' v.zebrina, E.-Det.Syll.p.779: (Ep.z.)  
 VITIATA, Pant.-Det.Syll.p.779: (Epith.v.)-  
 ZEBRA, E.-Kunze Rev.Pl.p.391; Det.S.p.734: (Epithemia.)  
 ' v.porcillus, K.-Det.Syll.p.735: (Ep.porc.)  
 ' v.proboscidia, K.-Det.Syll.p.734: (Ep.pro.)-  
 ' v.Saxonica, K.-Det.Syll.p.734: (Ep.Sax.)-

# DACTYLIOSOLEN.-(Castr., 1887.)-

- ANTARCTICUS, Castr. I 337 p.75-9f7; LeD.No.9, p.104-13f7; Det.S.p.321:  
 BERGONII, Perag.-LeD.No.9, p.104-13f3; Det.Syll.p.321: Cl. 1897 p.23:  
 MEDITERRANEUS, Perag.-LeD.No.9, p.104-13f3, 9; Det.S.p.322:  
 (Lauderia; -Leptocylinurus Danica.)  
 " var. tenuis, Cl. Scot. p. 300, f 14; Cl. 1897 p.23:

# DEBYA.----- (Rattray, 1886.)-

- INSIGNIS, Pant. Ip. 35-29f293; Notul. I 333 p.533; Pant. 2, p.109:  
 Det.Syll.p.1394: (Actinoptychus.)  
 OAMARUENSIS, Gran.-J.R.M.S. I 333 p.909:  
 (Rattrayella; -Eupodiscus (& Glyphodiscus) O., & Simbirskaianus.)---

# DENDRELLA.----- (St.Vincent, 1822.)-

- GEMINATA, Bory.-Encyclop.p. : (Gomphonema.)--  
 LINGBYEI, Bory, Encyclop.p. : (Gomph.geminatum.)--  
 OLIVACEA, Bory, Encycl.p. : (Gomphonema.)--  
 STYLLAROIDES, Bory, Encycl.p. ; (Gomph.geminatum.)---

# DEMICELLA.----- (Ehr., 1838.)-

- ARMATA, Fortm.-DeToni, Syll.p.833: (Bidulphia.)--  
 AURITA, E.-Inf.p.210; Mik.pl.35A-25f7; A.J.S. July 1853 p.1-f26-23;  
 (Bidulphia.)-  
 BIDDULPHIA, E.-Amer.pl.2-3f19; Prit.p.345 (1852): (Bidulphiaella.)

> polymera, E.-? - (Bidd. pol.)

Mon. 10. 12. 1869

- BLANDA, A.S.-DeToni, Syll. p. 336: (Biddulphia.)--  
 CORUSCANS, A.S.-DeT. Syll. p. 336: (Bidd.)--  
 DUBIA, Bailey So. p. 14, f57: (Bidd. aurita & granulata.)---  
 ELESDIANA, Pant.-DeT. Syll. p. 335: (Bidd.)--  
 FIMBRIATA, Grev.-Gran. 1884 p. 6; DeT. Syll. p. 334: (Bidd.)--  
 FRAGILARIA, E.-Abh. Ber. 1835 p. 129; 1844 p. 79; Kreid. 1833 p. : Mik. pl.  
 2 f31; K.B. p. 133; K.S.A. p. 137; DeT. S. p. 336: (Lithocarya.)---  
 GRACILIS, E.-Abh. Ber. 1840 p. 12: (Bidd. & Oontella aurita.)-  
 HEIBERGII, Gran.-DeT. Syll. p. 334: (Oontella.)---  
 INDICA, E.-Abh. Ber. 1845 p. 362: (Bidd.)---  
 LAEVIS, E.-Abh. Ber. 1844 p. 201; Mik. pl. 33-15 f3: DeT. S. p. 335;  
 (Bidd. Thomeyi & l.: Oontella.)---  
 LAUTA, E.-Abh. Ber. 1873 p. 262: (Denticella.)---  
 LONGICRURIS, Grev.-DeT. Syll. p. 336: (Bidd.)---  
 " v. japonica, Gran.-DeT. S. p. 336:  
 " v. leptoceros, Gran.-DeT. Syll. p. 336:  
 MACDONALDII, Norman.-DeT. Syll. p. 335: (Bidd. M.)--  
 MARCARITIFERA, Shadb.-T.M.S. 1854 p. 13-1 f17: (Bidd. Thomeyi, var.)--  
 MOBILIENSIS, E.-Abh. Ber. 1844 p. 266; A.J.S. 1845 p. 323-4 f20; Prit. 1852 p.  
 345; DeT. S. p. 332; Gran. 1884 p. 7:  
 (Bidd. Baileyi, m., Thomeyi: Oontella; -Zygoceros.)---  
 PUSILLA, E.-Abh. Ber. 1855 p. 301:  
 REGIA, Schultze.-M.J. 1859 p. 20-2 f11, 12:  
 RHOMBUS, E.-Abh. Ber. 1844 p. 79; Prit. 1852 p. 345; Weisse G. p. 306; DeT.  
 Syll. p. 333: (Biddulphia; Oontella; -Zygoceros.)  
 RUTHENICA, Witt.-DeToni, Syll. p. 335: (Bidd. r.)--  
 SETICULOSA, Grev.-DeT. Syll. p. 335: (Bidd. s.)-  
 SIMPLEX, Shadb.-T.M.S. 1854 p. 13-1 f16: (Bidd. tridentata & Thomeyi.)--  
 SINENSIS, Grev.-DeT. S. p. 334; Gran. 1884 p. 6; (Bidd. s.)  
 SPINOSA, Grev.-DeT. Syll. p. 334: (Bidd. sp.)-  
 SUBORBICULARIS, Gran.-DeT. Syll. p. 336: (Bidd. s.)-  
 TRIDENTATA, E.-Abh. Ber. 1844 p. 79; K.S.A. p. 137; (Bidd. t. & Thomeyi.)--  
 TRIDENS, E.-Abh. Ber. 1833 p. 129; 1839 p. 73; Williamson p. 16-1 f1; Weisse  
 1854 p. 243; Bidd. simplex, tridens, tridentata, trilobularis, Thomeyi.)-  
 TUMIDA, E.-Abh. Ber. 1844 p. 266; T.M.S. 1859 p. 13; DeT. Syll. p. 335:  
 (Bidd. granulata & t.: Oontella.)-  
 " v. Peruviana, Gran.-DeToni, Syll. p. 335:  
 TURGIDA, E.-Abh. Ber. 1840 p. 207; DeT. Syll. p. 336;  
 (Bidd. granulata & t.: Oontella.)-  
 VENTRICOSA, Jan. & R. p. 3-2 f11; DeT. Syll. p. 336: (Dimerogramma.)  
 VITREA, Bl.-DeT. Syll. p. 334: (Bidd. v.)-  
 WEISSLOGII, Gran.-DeT. Syll. p. 335: (Bidd. w.)-  
 ZANZIBARICA, A.S.-DeToni, Syll. p. 336: (Biddulphia Z.)

## DENTICULA. ---- (Kz., 1844.)-

- , Menge. A.M.D. p. 379: -, Tanarek 1879 p. 49:  
 -, Lewis, N. & I. F. p. 343-1 f3: -, DeToni, Oss. Bac. 1890, p. 901:

> Duseni, Cl. - Sed. 2 n. 19 p. 146-9 f 14:

+ elegans, K. -

"forme"  $\alpha$ , "parvula", Ped. p. 7: - (D. elegans, K. -

" "  $\beta$ , "media", " p. 7: - (D. thermalis, K. p.)

" "  $\gamma$ , "valida", " p. 7 - (Ennst. St. Antonii.)

ACUTA, Rabh.S.O.p.33-If7; Prit.p.773; Ebert, Cassel:

(*D. frigida* & *tenuis*.)---

ANTARCTICA, Grun.-Cl. & M. 125; Del. Syll. p. 560:

ANTILLARUM, Grun.-Cl. 1373 p. 14-4123; Wollg., 3132, 12; Del. Syll. p. 560;

CAPITATA, Greg. D.C. p. 22-2f31; (*D. inflata*, v.: - *D. inflata* 1773.)-

CONSTRICTA, K.B. p. 44-3f62; K.S.A. p. 12; R.S.O. p. 33-If2; Del. S. p. 560:

(*Navicula*; - *Sirella*.)---

CRASSULA, Macp.-K.S.A. p. 339; R.S.O. p. 33; Grun. 1352 p. 517; Prit. p. 773:

Italy: R.E.D. p. 115; Del. S. p. 553:

(*D. inflata*.)--

DECIPIENS, Arnott.

?: (*Nitzschia amphibia*.)----

DEBYI, Fortm., Ann. Bot. Brit. 1392 p. 54-6f4:

DISTANS, Greg. D.C. p. 24-2f33;

(*Dinacramma*; - *Glyphodermis*.)-

ELAGANS, K.B. p. 44-1f23; K.S.A. p. 12; Del. S. p. 560; Grun. 1352 p. 517:

Wollg. & Sch. No. 125; Prit. p. 773-1314; Grun. 1352 p. 519; Macdonald p. 7-

1f37-45; Italy: weisse 1334 p. 360-4f9; R.E.D. p. 115, 130; Italy; Schum.

H. 1. p. 59; Macdonald pl. 10f6; Malaisia; O'M.I. D. p. 233; Brun Alp p.

114-3f37; Ebert, Cassel; V. A. S. pl. 49f14, 15; Hoffmann, Marburg; Trib.

p. 150; Del. Syll. p. 557; - (*Protomura thermale*; - (*D. Vittoniana* & *bellata*.)

\* v. *Cyprica*, Grun.-V. A. S. pl. 49f16:

\* v. *Vittoniana*, Grun.-Deloni, Syll. p. 553; V.H.S. pl. 49f19-21; - (*D. Vito.*.)-

\* v. *lanceolata*, V. A. S. pl. No. 33f:

\* v. *thermalis*, Herib. p. 151; in V.H.S. pl. 49f17, 18:

(*D. thermalis*.)-

\* v. *valida*, Pedicino, - *Schia p. 7: Italy*:

(*D. val.*.)--

FRIGIDA, K.B. p. 43-1f77; K.S.A. p. 11; R.S.O. p. 33-If6; Prit. p. 773; Grun.

1352 p. 550-12f33; Neapauer p. 199-3f71; Schum. 1. 1. p. 53; Italy; R.E.D.

p. 114; M. 1. P. 2-6-5; Cl. & M. 225; Cl. 1331 p. 7; Gallik, Pagan; Del. S. p.

559; Ebert, Cassel; Hoffmann, Marburg; Trien 1335 p. 33-3f7; Herib. p.

150; Brun Alp p. 113; - (*D. acuta*, *tenuis*, var., & *bellata*.)

\* forma major, Rabh. E. D. p. 114; Del. S. p. 559:

(*D. acuta*.)---

\* v. *capitata*, Brun Alp p. 113-9f23; Del. S. p. 559:

(*D. cap.*.)--

\* v. *cuneata*, Brun Alp p. 113:

FULVA, Greg. D.C. p. 24-2f33:

(*Dinacramma*.)-

INDICA, Grun.-V. A. S. pl. 49f7-9; Malaisia; Del. S. p. 560:

INFLATA, S.B.O. 2 p. 20-34f294; Carr. p. 79; full: O'M.I. D. p. 233; Sm. Sp.

1. No. 124; Petit & Gené; lists 1. 23; Brun Alp p. 113-115; Thunberg;

Perap. p. 72; Gallik, Pagan; Belle, Lichon; Malaisia; Herib. p. 150;

(*D. tenuis*, var., & *crassula*.)--

INTERRUPTA, Greg. D.C. p. 22-2f30; (*Plagiogramma*)

VITTONIANA, Grun.-V. A. S.:

(*D. bellata*, v.)-

KUTZINGII, Grun. 1352 p. 543-12f27; Spain, Duren; - (*D. & Nitzschia obtusa*.)-

\* v. major, Grun. 1352 p. 513-12f15;

LAEVIS, Greg. D.C. p. 22-2f33:

(*Plagiogramma*.)-

LAUTA, Bailey M.S. p. 9, f1, 2; A. J. S. only 1353 p. 1; Prit. p. 773; R.E.D. p.

115; M. 1. P. 1-3-3; Sm. Sp. T. 125; V. A. S. pl. 49f1, 2; Wollg. 13. 13110;

33f13, 17; A.M. 1. 1391 p. 1119; Del. S. p. 559:

(*Denticella*; - *Epithemia* (*Eumotia*) *beatorum* & *Sanctii-Antonii*.)----

LEVIDENSIS, W.S. - Deloni, Syll. p. 560:

(*Nitzschia*.)--

MARINA, Greg. D.C. p. 24-2f39:

(*Dinacramma*.)-

MINOR, Greg. D.C. p. 24-2f35:

(*Dinacramma*.)--

+ Nicobarica, Grevillea vol. 1 p. 77-5 f 6a, b.

MUTABILIS, O'M.I.D.p.235-27057;

NANA- Greg.D.C.p.23-2f34;

(Circulargramma.)

NICOBARICA, Grun.I373p.97-1a,f5; V.H.S.pl.49f3; T.329; Det.S.pl.530;

OBTUSA, K.B.p.44-17f11; K.S.A.p.12: R.S.D.p.33-1f3; S.B.D.p.19-311  
292; Braemar; R.Alg.No.935; Prit.p.773; R.E.S.p.II5; Schum.I354p.13;  
H.T.p.57; M.D.pl.12f25; Carr.p.79; Eul.Sp.1.29; Italy: O'M.I.D.p.235;

Lagr.I373p.47; Pet.liste p.25; Gallik,Papan; Brun Al.1.II2-3f34;  
Malaisie; Ebert,Cassel; Perag.p.72; Bellec,Lichon; Hoffmann,Marburg;  
(D.Kutzingii;-Diatoma vulgare; Echinella;-Frustulia o.x pinetata.)

(Nitzschia.)---

OCELLATA, S.B.D.2p.20; Prit.p.773; Carr.p.79; Sm.Sp.1.I23;

(D.elegans & subtilis.)-

ORNATA, Greg.D.C.p.22-2f32;

(Plagiogramma.)

SINUATA, S.B.D.2p.21-34f295; Braemar; Grun.I352p.547-12f20; Mull;

O'M.I.D.p.233; Pet.liste p.25; Lagr.I373p.47; Gallik,Papan;

(Dimeregramma;-Grunowia;-Nitzschia;-Odontidium.)-

STAUROPHORA, Greg.D.C.p.24-3f37: (Plagiogramma s. & Gregorianum.)----

SUBTILIS, Grun.I352p.550-12f33; R.E.D.p.II5; Carr.I355; V.H.S.

p.I59-49f10-13; Det.Syll.p.559: (D.Ocellata.)---

TABELLARIA, Grun.I352p.543; Gallik,Papan; Bellec,Lichon;

(Grunowia;-Nitzschia.)--

TENUIS, K.B.p.43-17f3; K.S.A.p.II: R.S.D.p.33-1f4; Braemar; Mull; S.

B.D.2p.20-34f295; weisse I350p.359-1f24; Prit.p.773; Italy: Schum.1.

1.p.53; Carr.p.79; New Zealand; Mull; Neupauer p.192-2f33; R.E.D.p.

II4; O'M.I.D.p.233; Cl.I381p.10; I391p.31; Winnard; Pet.liste p.25;

V.H.S.p.I59-49f23-31; T.332; Bellec,Lichon; Herib.p.150; *Q. 187* 16

(Bacillaria palea;-D.acuta, frigida, thermalis.)-

• v.bicorneata, Grun.-V.H.S.pl.49f27;

• v.frigida, Grun.-V.H.S.p.I59-49f23,35-33; T.No.334;

Cl.Nares: (D.frigida.)

• v.Inflata, Grun.-V.H.S.p.I59-49f32-34; T.No.333; Italy:-(Dent.inf.)-

• v.intermedia, Grun.-V.H.S.pl.49f22,25; Italy: Malaisie;

Herib.p.150;

• v.mesolepta, Grun.-V.H.S.pl.49f23,24; Herib.p.150;

THERMALIS, K.B.p.43-17f3; K.S.A.p.II: R.S.D.p.33-1f3; Prit.p.773; R.

E.D.p.II4; Grun.I352p.549-12f23; Rab.Alg.No.995 sub; Desmaz.2,No.

501; Eul.Sp.1.No.30; K.Alg.Date.No.140 sub; Lagr.I373p.47; Sm.Sp.1.

I23; L. Italy: Perag.p.72; Gallik,Papan; Wollf pls.

43f9; 33f14,15; Det.S.p.553;

(D.elegans,var., & tenuis;-Scytonema.)--

• v.minor, Grun.I352p.550-12f14;

• v.rupestris, K.S.A.p.12:

(Gomphogramma.)-

TRINACRIA, L.W.B.-B.O.N.4.I352p.345-2f39: ?:-

UNDULATA, K.B.p.44-3f50; K.S.A.p.12: R.S.D.p.32-1f1; V. & Z.p.15-1f1;

Hoffmann,Marburg:

(Navicula;-Cymatoclema elliptica.)

VALIDA, Paedico.-V.H.S.pl.49f4-5; Wollf.pl.33f9-II: (D.elegans,v.)--

VANHEURCII, Braem,I391p.25-13f3; 14f10; Det.Syll.p.553;

Desmoneis. ? (Ehr., 1856.) -

aspera, E. - Mik. p. 35:

+ sig..., E. - Mik. p. 35:

, haléppensis, E. - Mik. p. 32:

laevigata, E. - Mik. p. 35: -

+ confervacea, Grevillea, vol. 1 p. 42-2 f 19a, b;

+ peregrina, Grevillea vol. 1 p. 42-2 f 2a, b;



SWARTZII, <sup>Ag.</sup> K. Cons. p. 53; Syst. p. 9; Scottish Flora 1822;

Cole, Essex: - (Conf. fissilium:)

(Diatoma.)

DESMOGONIUM. --- (C. Ag., 1824)

GRACILE, Eul.-Sm. Sp. T. No. 150; Det. Syll. p. 330:

GUIANENSE, Schomburgk Reise 1343 p. 539; Mik. pls. 34-5A, f3; 33A-13f4; 39-3f23, 24; Brit. p. 790-13f13; R.E.D. p. 112; Amazon: M.T.P. 1-2-10; V.H.

Type No. 273: Det. Syll. p. 330:

(Actinella.) ---

KUTZINGII, Rab. E.D. p. 142; Det. S. p. 330:

(Synedra rimpens.) --

MIRABILE, Eul.-Sm. Sp. T. No. 151; Det. Syll. p. 330:

(Actinella.) --

RABENHORSTIANUM, Gran. 1335 p. 3-1f1; Hadv. Vol. 4 p. 127; Sm. Sp. T. No. 129:

Det. Syll. p. 330:

DETOMULA. ----- (Schmidt, 1893)

? Species: --- Det. Syll. p. 1125: L.D. 2, no. 2/p. 184.

(Vide Detonula.) ---

DIADESMIS. ----- (C. Ag., 1824) -

-, Men. A.N.D. p. 424:

-, Woll. pl. 37 f9:

BACILLUM, K.B. p. 109; Brit. p. 923; R.E.D. p. 230:

(Nav. b.) --

BICEPS, Arnott.: - Cl. & M. No. 175:

(Navic. binodis, var. b.: - Rhoeconeis binodis, v.)

CONFERVACEA, K.B. p. 109-30f3; K.S.A. p. 95; R.S.D. p. 51, pl. 9; Brit. p. 923-

14f32, 33; R.E.D. p. 230, f33; M.D. pl. 12f27; Gran. 1333 p. 21-1f19; Amazon:

Sm. Sp. T. 130: M.T.P. 4-5-9; Cl. 1331 p. 9; Det. S. p. 730:

(Navicula.)

ELOTOWII, Gran., in V.H.S.:-

(Navicula.)

GALLICA, W.S. - A.M.N. 4. 1357 p. 11-11f13; Brit. p. 923; R.E.D. p. 239:

Sm. Sp. T. No. 131: V.H.S. pl. 14f39; T. No. 147:

(Navicula.)

" v. minor, Gran., in litt.: R.E.D. p. 239:

(D. peregrina.) -

LAEVIS, K.B. p. 109-29f39; K.S.A. p. 95; Brit. p. 923-12f40; R.E.D. p. 230;

Det. Syll. p. 729:

(Tabellaria.) --

LUCIDULA, Gran., in V.H.S.:-

(Navicula.) -

NAVICULA, E.-Ralfs, Brit. p. 923; Det. S. p. 729:

(Nav.: - Fragilaria.) --

NITZSCHIOIDES, Gran. - Cl. & M. No. 191:

(D. Gallica, v.) -

OBTUSA, Arnott Mss.: Sm. Sp. T. No. 132;

PEREGRINA, W.S. - Brit. p. 923; Gran. 1333 p. 21-1f20; R.E.D. p. 230; Cl. & M.

133; M.T.P. 4-5-3; Det. S. p. 730:

(Nav. confervacea, var.) ---

SCULPTA, K.B. p. 109-29f39; K.S.A. p. 95; Brit. p. 923; R.E.D. p. 230;

Det. S. p. 729:

(Tabellaria.) ---

WILLIAMSONI, Greg. D.C. p. 25-2f40; R.E.D. p. 230; Carr. p. 114;

Reinhard; Sm. Sp. T. 643; O'M. I.D. p. 333-29f31:

(Dimeregramma; - Glyphodesmis; - Himantidium.) --

DIATOMA. ----- (L.)

ANCEPS, E.-Gran., V.H.S. p. 131-51f5-3; T. 341; Lake Michigan; Woll. pls.

43f11, 17, 13; Kirch. Alg. Schl. p. 204; Cl. 1391 p. 32; Det. Syll. p. 337:

Herib. p. 152:

(Odontidium ventricosum: -

Fragil. (Odontidium) anceps & capitata; - Frag. leptocephal.) -

" v. anomala, V.H.S. p. 131-51f9; T. 342; Herib. p. 153: - (Odontidium a.) ---



- \* v. *ovata*, Grun. 1352p.353; Wilsch. Alg. Schl. p.204; Det. S. p.333;  
 \* var. *fossilis*, Pant. 3p. -3f141;  
 ARCUATUM, Lyngbye Hydr. Tent. p.130-32, f" B": Flor. Danm. pl. 1593f2;  
 (Achnanthes; -Rhabdonema; -Striatella unipunctata; D. *triatulum*)  
 AURITUM, Lyngb. Hydr. Tent. p.132-32f" D": Ag. Syst. p.6; K. Syn. p.57; Flor.  
 Danm. pl. 1597; Linnea 1333p.535; Brit. Flora p.404;  
 (Biddulphia; -Odontella;)  
 BIDDULPHIANUM, Ag. Syst. p.5; Cons. p.54; Brit. Flora p.404; Harv.  
 Man. p.201: (Conferva; -Bidd. pulchella & 5-locularis.)----  
 BRACHYGONUM, Carmichael, in British Flora p.406; Harv. Man. p.202;  
 (Grammatophora marina.)-  
 COMUNE, Girard Foss. p.10-1f12;  
 CRYSTALLINUM, Ag. *Syst.* p.3; Cons. p.52; Brit. Flora p.407; A. U. S. Vol. 37,  
 p.121-2f14; (Echinella fasciculata; -Exilaria c. & filigine; -Synedra.)-  
 CUNEATUM, Rabh. S. D. p.35-2f4;  
 CANICA, Bory, Dictionaire, f" Ic": (D. *tenue*, v. *intermedia*.)--  
 EHRENBURGII, K. B. p.43-17f17; K. S. A. p.17; A. M. N. 1. 1340, 452-912; 1357  
 p.10-1f13; R. S. D. p.35-2f7; Rab. Alg. No. 301; Desmaz. 2, No. 102; Harv. Man.  
 S. No. 123; Prit. p.779-4f15; Grun. 1352p.374; Lanzi, Tor.; R. E. D. p.122;  
 Brun Alp p.117-4f13; Italy: Sm. Sp. T. 133; Wille pl. 46f16, 21, 22; Herib.  
 p.152; Spamer, Duren; Malaisie; (Glossonema  
 Heuffleri; -Lobarszewska; -D. & Bacillaria elongata; -D. grande.)  
 \* v. *grandis*, Brun Alp p.117-4f17; R. E. D. p.122; Italy: Herib. p.152;  
 \* v. *intermedia*, Rabh. E. D. p.122;  
 ELONGATUM, Ag. Syst. p.4; K. Syn. p.54f65; K. B. p.43-17f13; K. S. A. p.17; R.  
 S. B. p.35-2f1; S. B. D. 2p.40pls.40, 3013II; Front.: Prit. p.779-9f159; R.  
 E. D. p.122; Herib. p.57; Westendorp, G.: Carr. p.30; Rab. Alg. No. 704; Mill:  
 Schum. 1. 1. p.55; Eichen, 1370; Amazon; Cl. 1333p.219; Ebnert, Cassel; Grun.  
 1373p.15; Prollius pp.75, 102-2f3; Italy: O'M. I. D. p.292; Petit & Lema;  
 list p.25; Belloe, Lichon; Brun Alp p.117-4f13; Grun. 1373p.25; Sm. Sp.  
 T. 134; V. A. S. p.130; T. No. 337; Hoffmann, Waburg; Spamer, Duren; Wille,  
 pl. 46f15, 26, 27; Det. S. p.333; Herib. p.151; *Oestrup 1897 p. 937*;  
 (D. *tenue* & v.: -Bacillaria e. & gracillima; -Lobarszewska.)---  
 \* var. "b", S. B. D. p.40-40f3IIb; Schum. 1362p.134-3f15; Carr. p.30;  
 Bleisch, 1363; Petit liste p.26;  
 (D. Ehrenbergii & elongatum, Ralfs.)----  
 \* var. "g", S. B. D. 2p.40-41f3IIg; Carr. p.30; Petit liste p.26; V. A.  
 Type No. 333: (D. *tenue*; -Bacillaria cuneata & flocculosa.)--  
 \* var. "d", S. B. D. 2p.40-30f3IIa; Carrithers p.30;  
 \* v. *abbreviata*, Rabh. E. D. p.122; R. Alg. No. 1492;  
 \* v. Ehrenbergii, V. A. S. p.130: (Diatoma L.)---  
 \* v. *grandis*, Brun Alp p.117-4f17;  
 \* v. *mesolepta*, K. -Det. Syll. p.333: (D. *tenue*, v.)-  
 \* v. *tenue*, V. A. S. p.130; T. 333; Det. S. p.333: (D. *tenue*, Ag.)  
 ELONGATUM, Ralfs. -A. M. N. 1. Vol. 2, 1. -9f2: -(D. elongatum, var. "b".)-  
 1 EXTIGIUM, Grun. 1333p.2-1f5; Forrm. Cey. p.50; Det. S. 11. p.333; (Pseudonitzschia)  
 FASCIATUM, Ag. Syst. p.5; Cons. p.54; K. Synol. p.57: (Fragilaria.)--

+ Fasciculatum, - (Echinella f. Jung.: - Diat. rigidum: -

+ Flocculosum, - (Confr. rhomboidalis: Diatoma f. vulgaris.)

Mouget & Hestang, # 598:

+ -

+ -

+ Synalage, - (D. tenue, P. maritimum.)

2, 6:

[illegible]

+ scalaris, Aq. Syst. p. 1; - (Fruit, obtusa.)

+ eructum Aq. Decad. #8: Syn. Scandinav. p. 118: - (Desmidsium). -

+ tenue, (Scot. Fl. p. 354 = Diet. f. loc.);

" var  $\beta$ , maximum, Lynq. H. T. p. 61: Junq. A. Exs. Dec. 14 no. 9: - (D. Lynqbyei).

" "  $\delta$ , normale, K. B. A. p. 17: - (D. Tenue).

" "  $\epsilon$ , paradoxum, K. Syn. p. 52 f. 64: - (var. "E" dimotum).

MINIMUM, Ralfs, Trans. Bot. Soc. Edinb. Vol. 2, p. 20; Prit. p. 773:

S.B.D. 2, p. 41-41f313: Carr. p. 30:

(*D. vitreum*, v.: -*Fragil. m.*, tenuicollis, & vitrea, v.: -*Ralfsia*.) -

MONILIFORME, K. B. p. 166f301; S. p. 32:

MUTABILE, Herib. p. 53; Cl. 1337p. 333; 1338p. 219:

OBELIFORME, Grun. p. 53; Lymb. Hyd. Tent. p. 131-132f40(2); Ag. Cons. p. 50:

(*Conferva*; -*Isthmia* s., enervis, & nervosa.) ---

PARASITICUM, Ag. Cons. p. 50: (*Exil. truncata*; - (*Frist.*; -*Syneura alba*.) ---

PAXILLIFERUM, Breb. Cons. p. 12:

PECTINALE, Ag. Cons. p. 50; Disp. p. 34; Flor. Can. p. 1508f1; K. B. p. 47-

17f11; V.S.A. p. 13; R.S.D. p. 35-2f2; Prit. p. 773; Neupauer p. 139-142;

Carr. p. 30; V. i. S. p. 150f23-25; Wille p. 146f19, 20; Hoffmann, Marburg;

Herib. p. 151; Spamer, Duren;

(*Bacillaria* p., elongata, flocculosa, Ptolonasi, seriat; -*D. fragilis*,

tende, var., & subtilis; -*Fragil. capucina*, Ptolonasi & p.) ---

RAJOSUM, Ag. Cons. p. 52; (*Conf. p.*; -*diatom. p.*; -*Syneura alba*.) ---

RIGIDUM, DeCandolle, Flore Francaise:

RHOMBICUM, O'M. - J. L. S. 1375p. 55-1f2; Castr. 1387p. 57-25f22; Gr. S. p. 338:

+ SCALARIS, Grateloup, Soc. Med. Montpellier: (*Syneura alba*.)

STELLARE, Ralfs, S.B.D. 2, p. 31: - (*Asterionella Blackleya Ralfsii*.) -

STELLARIS, Bailey M.O. p. 39;

STRIBULUM, Grun. - Hooker's Brit. Flora p. 137; V. S. p. 150f23-25;

Bot. p. 1923: (*Achnanthes*, *Rhabdonema* & *Tessella* ar. n. n. n.) -

SUBTILE, Grun. 1332p. 335-1ff12; Italy:

SULPHURASCENS, Ag. Cons. p. 53; K. Syn. p. 55:

(*D. tende*, v.: -*Frag. virescens*; -*Bacil. pectinalis*.) ---

+ SWARTZII, Lymb. Hyd. Tent. p. 176, pl. 31: Ag. Sw. Bot. p. 491f12, 33: (Non-Diatomaceous.) -

TABULATUM, Ag. Cons. p. 50;

TALIAIFORME, Ag. Cons. p. 54; K. Syn. p. 53:

(*Conferva*; -*Gracil. talia*.) ---

TENUIS, Ag. Syst. p. 4; Cons. p. 52; Swea. Bot. p. 149f1, 5; Lymb. Hyd. Tent. p.

179p1.61f 3; K. Syn. p. 52f61; K. B. p. 43-17f9, 10; V.S.A. p. 13; V. i. S. p. 150f23-25;

p. 121-2f13; 1343, 451-9f1; Brit. Fl. Vol. 6p. 354; R.S.D. p. 35-2f5; R. Al.

701 sub; Marissal; Braemar; Prit. p. 779; Grun. 1332p. 332; R.E.D. p. 122;

O'M. I. S. p. 292; Neupauer p. 139-1f3; M.T.P. I-3-3; Prollins p. 73; Cl.

M. 229; Petit & Leid.; Italy: S. Sp. 7. 133; Canf. p. 44; Br. Al. p. 113-

4f14; Tanarek 1379p. 55; Hoffmann, Marburg; V. i. S. p. 150f14a, b; Spamer,

Duren; Lagr. 1334p. 43, 14; Parag. p. 72; Wille p. 146f23-25; Cl. 1391p. 32;

1310p. 131: (*D. tende* & *D. fragilis* var.)

*D. elongatum*, v.: -*Bacil. pectinalis*, Mitz., & *vulgaris*, v.: -*Conferva floccul.*)

" var. "a" moniliforme, K. Syn. p. 52f63; K. B. p. 43-17f11(5, 3); V.S.A. p.

17; Neupauer p. 139-1f3(3);

" var. "b" intermedium, Lymb. Hyd. Tent. p. 176, pl. 31, K. Syn. p. 52f61; V. i.

p. 43-17f9, 3, 1, 7; V.S.A. p. 17: (*D. tende* & *D. fragilis* var.) ---

" var. "g" cuneatum, K. Syn. p. 52f62; K. B. p. 43-17f19(1, 2); Neupauer p.

139-1f3(4); (*Bacillaria* c.)

" var. "e" & *dimetum*, K. B. p. 43-17f10(17);

K.S.A. p. 17; Italy:





TENUIS, v. densestriata, Grun.-V.H.S.pl.50ff17: "

- " v. elongata, Lyngh. Myt. Tent. p. -31f "E" I, 2: Grun. I362p.333; V.H.S.pl.50ff14c, I3-22; Cl. Naib; Kirch. Alg. Schl. p.203: (D. tenuis, Gr.)
- " v. fragilarisoides, Brack.-K.B.p.47: (D. tenuis, Gr.)
- " v. hybrida, Grun.-V.H.S.pl.50ff10-13;
- " v. mesolepta, Grun. I362p.332; Gallik, Papan; Brun Alp p.113-pls.4ff15; 5f35;
- " v. minor, Grun. I362p.332; Gallik, Papan;
- " v. normalis, K.Syl.p.52f33; K. Alg. p.5.25; K.B.p.43-17f10(5, 9-12, 14): K.S.A.p.17; Neapaler p.139-1f5(5); Grun. I362p.332:-(D. tenuis, Gr.)
- " v. pachycephala, Grun.-V.H.S.pl.50ff15;

TRUNCATUM, Grev.-Hooker's Brit. Fl. p.407: (Synedra radians.)-

UNIPUNCTATUM, Ag. Syst. p.5: (Achnanthes; -118: -Serratella.)---

VARIEGATUM, Ag. Cons. p.51; K.B.p.70: (Echinella fulgens; -Exilaria; -Synedra laevis.)---

VESICULOSUM, Ag. Syst. p.7: (Isthria.)---

VEXILLUM, Jurgens Alg. Exsicc. No.56: (Achnanthes longipes)

VIRESCENS, Hassall Alg. p.409-95ff7, 3: (Fragilaria.)--

VITREUM, K.B.p.47-5f7(3); 17ff19, 20: 24ff1(7): K.S.A.p.13; Italy: Brack. D.C.p.12:

(D. hyalinum & minimum: -118: V. hyalina, tenuicollis, & virescens, v.)

VULGARE, Born, Diet. ~~Achnanthes~~ 29ff; K.Syl p.54f33; K.B.p.47-17f15; K.S.A.p.13: A.M.M. i. I343p.450-2f3; I355p.3-1f5; 1892. Alg. p.407-94ff1, 2: Mull; Marissal; R.S.D.p.35-2f3; Dublin Ann. Soc. I349; S. B. 2p.39-40f309; R. Bac. Exs. 4: Desmaz. I, No.9II; 2, No.2f0; Weiss: I350pB. 3f25; Italy: Prit. p.773-4ff13; 1310. p.57; Grun. I362p.333-12f3; R. B. p.121, 134; Prit. pl.9ff13; Schum. i.7. p.55; Mull: Gall. p.39; R. B. 1, Thames; Ebert, Cassel; Delogne; Cl. I363p.219: I391p.62; M. D. pl.12f26; Edw. M. H. pl.2f20; K. & Z. p.15-1f12; Macdonald pl.10f3; Lagr. I373p.14; Petit & Bedu.: liste p.20; Class. f.21; T. H. S. I377p.1. 137f21; O. H. I. 3. p.291: Cl. & M. 72; Sr. Sp. 1. I37; M. T. P. I-3-7, 3, 9; Grun. Alg. p.115-1f13; Tanarek I379p.55f34; Gallik. Papan; Carp. I381p.313, ff173; De Toni, Port.; Hoffmann, Marburg; V.H.S.p.150-50ff1-3; T. M. 335; 341f36, 341f37, 253, 341f37; Parag. p.72: Wille pl.46ff12-14; A.M.M. 1391. 1. f.17; 1310. p.131; Del. Syll. p.335; Gerling pl.1f3; Carp. 1891f402

(Denticula obtusum; -D. cuneatum, fenestratum, flocculosum, & mesodon.)

- " formae elliptica, cuneata, quadrata, ovata, Rab. M. D. pl.121, 122;
- " v. "o" linearis, S. B. D. 2p.39f40f309b; Carp. p.30; V.H.S.p.150-50ff1, 3;
- > Perag. p.72; Del. S. p.335; Herib. p.151: (D. tenuis, Ag.)--
- " v. brevis, Grun. I362p.333; Kirch. Alg. Schl. p.203; Del. S. p.335;
- " v. capitulata, Grun. I362p.334; Kirch. Alg. Schl. p.203; Del. S. p.335;
- " v. constricta, Grun.-V.H.S.pl.50f9; Kirch. Alg. Schl. p.203; Del. Syll. p.335;
- " v. distorta, Grun.-V.H.T.No.333;
- " v. Ehrenbergii, Grun. I362p.334; Kirch. Alg. Schl. p.203; Del. S. p.335; (Lobelia, Gr.)
- " v. grandis, Grun. I362p.334; Kirch. Alg. Schl. p.203; Del. S. p.335;
- " v. producta, Grun. I362p.333; Pallip, Papan; Kirch. A. Schl. p.203; Del. S. p.335;



BALFOURIANA, Grev. - A.M.N. 4. 1855: 51-4f10-13; Prit. p. 310-4f51, 52; Carr. p. 90: New Zealand; Grun. 1852 p. 409; 1853 p. 5: R.E.D. p. 300, 173; Sm. Sp. T. 350; Prin. Alg. p. 129-9f13; M.T.P. 2-1-1: Del. 1873 p. 29; Prit. p. 174; Cl. 1891 p. 34: Del. Syll. p. 742: (Diatomma Australis; -Grammatophora.) --  
*α. ce. 1895 p. 37: oestrup 1897 p. 240.*

## DIATOMOSIRA. --- (Trev. 1848)

PECTINALIS - Trevisan, Alg. Coccol. p. 95: (Diatomma elongat. v. venise.) ---  
 CAPUCINA, Trev. Algues Coccol. p. 95: (Fragilaria.) ---  
 HYALINA, Trev. Alg. Coccol. p. 95: (Fragil.) ---  
 VITREA, Trev. Algues Coccol. p. 95: (Frag. hyalina, v.) ---

## DICHOMENEIS. --- (Ehrh., 1872)

SUBTILIS, E. - Abh. Ber. 1872 p. 291-9f3: (Edouard.)

## DICKIELIA. --- (Ehrh., 1872)

-, Meneg. A.N.D. p. 457;

CRUCIGERA, De Toni, Syll. p. 309: (Schizonema & Stauroneis)  
 DANESII, Thwaites. - A.M.N. 1. 1843 p. 71-12f'K': Ann. Sci. Nat. 1849, 1. 10-2f'K' 1, 3, 4; Prit. 1852 p. 1. 24f30; Del. S. p. 310: (Mastogloia.) -  
 PINNATA, Ralfs. - A.M.N. 4. 1851 p. 1. 5f3; S.B.D. 2p. 33-54f343; Prit. p. 925; R.E.D. p. 264, f69(1); Carr. p. 114; O'M.I.D. p. 329; Sm. Sp. 1. 133; Del. Syll. p. 311: (Schizonema mesogloeoides.) ---  
 ULVACEA, Berkely in litt., 1844; K.B. p. 119; K.S.A. p. 109; V. i. S. p. 1. 13f10; Bot. Cblt. 1833 p. 1520; Del. S. p. 309: (Navic. niularis.) ---  
 ULVOIDES, Berk. - A.M.N. 1. 1845 p. 1. 9: Prit. 1852 p. 1. 24f30; S.B.D. 2p. 1. 34f342; Prit. p. 925-15f31; R.E.D. p. 264, f69(2); M.D. p. 1. 14f13; Carr. p. 114; O'M.I.D. p. 329-29f14;

## DICTADIA. --- (Ehrh., 1872)

-, A.J.S. 1844 p. 1. 3f24-27: -, 1845 p. 204;  
 -, A.J.S. 1843 p. 333-4f29: -, De Toni, Oss. Bac. 1890 p. 920;  
 ANTENNATA, E. - Abh. Ber. 1844 p. 201; Mg. pl. 1. 35A-2f10; K.S.A. p. 24; Prit. p. 333; M.D. p. 1. 43f61; R.E.D. p. 322; Del. Syll. p. 1002:  
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 BULBOSA, E. - Abh. Ber. 1844 p. 201; Mg. pl. 1. 35A-2f10; K.S.A. p. 24; Prit. p. 333; M.D. p. 1. 43f62; R.E.D. p. 322; Del. S. p. 1002;  
 CAPRA, E. - Abh. Ber. 1844 p. 79; Mg. pl. 1. 165-13f99; Prit. p. 333; R.E.D. p. 322; Del. Syll. p. 1002: (Periptera.) ---  
 CAPREOLUS, E. - Abh. Ber. 1844 p. 73; Mg. pl. 1. 13f101, 102a, b; 35A-17f3; 35A-13f5; K.S.A. p. 24; M.D. 1851 p. 1. 7f53-60; Prit. p. 333-3f23; weisse Gu. p. 303-1f29; Jan. Gu. p. 21-2a, f2; M.D. p. 1. 43f63, 64; R.E.D. p. 322; Sm. Sp. 1. 139; M.T.P. 4-5-12: Atlantic City; V. i. S. p. 1. 103f14-16; J.Q.C. 1837 p. 72; Brun & T. p. 71; Woll. pl. 64f5-7; Part. 2, p. 74; A.M.N. 3. 1849 p. 1. 2f33; Del. Syll. p. 1002: (Periptera capra.) ---  
 CERVUS, E. - Abh. Ber. 1844 p. 79; Prit. p. 333; Del. S. p. 1002: -(Periptera.) ---  
 CLATHRATA, E. - Abh. Ber. 1844 p. 79; Mg. pl. 1. 13f100; K.S.A. p. 23; Prit. p. 333; M.D. p. 1. 43f65; R.E.D. p. 322; Woll. pl. 64f2; Del. S. p. 1003: -(Dictyobrya.) ---

marginata.

" *expectatissima*, Gr. - Cl. Nat. 1p. 31:-

(Kar. Sp., p. 1 - D. Spect., a. S.) -

marginata, Kar. - Nat. 2121 - (Kar. Nat.) -

GROENLANDICA, Cleve 1873p.12-2f10; Det.Syll.p.1002:-(D.ritra.)---

JAPONICA, Pant.31. -5f70; Det.S.p.1003;

MITRA, — Bailey, A.J.S.1856p.4-1f6; Prit.1.355; R.E.D.1.322; V.1.S. pl.106f12,13; Cl.Veg. p.437; Woll. pl.64f3,4; Det.S.p.1002: (D.Groenlandica.)--

MAMMILLANA, L.W.B.-B.J.N.1.1861p.339-2f41-45; Det.Syll.p.1002:

ROBUSTA, Grev.-T.M.S.1885p.93-3f11:-(Dicladopsis.)

DICLADIOPSIS.-- (L.B., 1894) - L.B. 2, no. 20 p. 185.

BARBADENSIS, Grev.-DeToni, Syll.p.1003:

(Dicladia.)

ROBUSTA, Grev.-DeToni, Syll.p.1003:

(Dicladia.)-

DICTYOCHYA.---- (Ehr., 1832)

-, Meneg. A.M.D. p.433:

-, A.J.S. Vol.46p.140-3f13-20:

-, Weisse 1854p.246, f"C":

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-, Woll. pl.43f25-28:

-, E., Vreid. 1838p.33:

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DICTYOLAMPRA.-- (Ehr., 1847) -

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M.D. pl.43f68: Prit. p.313-5f53:

DICTYONEIS.---- (Cl., 1870)

BARTHOLOMEI, Cl., DeToni, Syll.p.196:-

(Navicula.)-

BILOBATA, Leud.-Leud.-Det.Syll.p.197:

(Navic.)--

CEYLANENSIS, Leud.-Det.S.p.197:-

(Nav.)

JAMAICENSIS, Grev.-Cl., LeD. Vol.1p.15; Cl.Nav. p.30-5f32; Det.S.p.194;

(Mastogloia reticulata: -Nav. J. & Ceylensis.)----

" v.gigantea, Cl.Nav. p.30-5f35,36:

MARGINATA, Lewis.-Cl., LeD. Vol.1p.16: Atlas 160f21,22,28,29; 183f47;

Cl.Nav. p.30; Det.S.p.194;

(Mastoglois reticulata; -

Nav.marg., v.: -N.Janischii, Kossuthii, reticulata, strangulata.)-

" forma convexa, Cl.-Atlas 160f17-19: Det.S.p.195; Mastogl.Cleve.)---

" forma curta, Cl.Atlas 160f20; Det.S.p.195:-(for.brevis):---

(Mastogloia reticulata reticulata, v.Japonica.)--

" forma elongata, Cl.-Atlas 160f30,31; Det.S.p.195;

(Pseudo-diploneis; -D.marg.var.commutata.)--

" forma minor, Cl.-Atlas 160f23:

" v.Cleveii, Brun.-Atlas 188f43; Cl.Nav. p.31:-(Mastogl.C.)---

" v.gigantea, Cl.Nav. p.31:

" v.commutata, Cl.Nav. p.31; -(D.marg. for. elongata.)

" var., Cleve.-Atlas 183f48;

" v.Janischii, Cl.Nav. p.31; Atlas 183f50:-(Navic. J.)---

" v.intermedia, Cl.Nav. p.31:-( Mastogloia i.)--

naviculacea Cl.-LeD. Vol.1p.15; Det.S.p.193; Cl.Nav. p.30-5f34;

PANDURIFORMIS, Cl.-LeD. Vol.1p.16; Det.S.p.194; Cl.Nav. p.32:-(Mastogl.)

7 Conica, Cl. Hentsch p. 155:

Didymosphenia, Grun., 1899.

curvirostrum, Jp. + Bn. - atlas 214 f 4-6: - (Gomph.)  
geminata, Ling. - atlas 214 f 7-10: - (Gomphonema,  
" var. stricta, as., atlas 214 f 11, 12: ( " str.) -  
Sibirica, Gn. - atlas 214 f 1-3: - (Gomph. geminatum, V.)

PANTOCSEKII, Cleve, LeD. Vol. I. I. 16; Cl. Nav. p. 32:

(Nav. mastogloidea & P.)-

RUGOSA, Brun & Tl. -Cl., LeD. Vol. I. I. 17; Atlas 180f33; Det. S. p. 196;  
Cl. Nav. p. 32: (Mastogloia.)-

SPECTATISSIMA, Cl. -Atlas 180f24-26, 32; Det. S. p. 196;  
(Navic.: -D. marginata, var. s.)-

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CRUCIATA, E. -Mh. Ber. 1844p. 267; Mg. pls. 1844p. 20-1f33; 33-1847, 7x, 12;  
33-17f7; 33B-4b, f"A": Bailey So. p. 14-2f50; Jan. Gl. p. 21-2b, f2; Weisse  
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p. 36: 3573-4f "a":

(Coscinodiscus; -Cresswellia turris; -Peristopharia Etycha; -Pyxid.)--

CYLINDRUS, E. -Abh. Ber. 1844p. 298; Mg. pl. 33-18f3; Weisse 1854p. -1f13;  
1864p. 241: (Pyxidicula; -Stephanopyxis turris, v.)---

HELLENICA, E. -Mh. Ber. 1844p. 267; Mg. pls. 1844p. 20-1f32a-a:

(Coscinodiscus cruciatus; -Pyxidic.)----

LENS, E. -Abh. Ber. 1844p. 36; Mg. pl. 18f5:

(Pyxidicula.)--

SCARABAEUS, E. -Abh. Ber. 1845p. 73:

(Pyxidicula.)

SUBTILIS, E. -Abh. Ber. 1845p. 302:

URCEOLARIS, E. -Abh. Ber. 1844p. 36; Mg. pl. 18f3;

(Pyxid.)--

DIMEREGRAMMA.--- (Ralfs, 1861.)-

ARCUS, Arnott.:----? (Campylosira cymbelliformis.)-

BALDOCKII, Ralfs, -Prit. p. 791; W. & C. I. p. 1-1f3;

(Achnanthes; -Odontidium; -Raphoneis.)

BIROSTRE, Ralfs, Prit. p. 790:

(Frag.)---

BORYANUM, Pant. 2p. 62; 3p. -23f342; Det. S. p. 713;

CAPITATUM, Ralfs, Prit. p. 790; Grun. 1862p. 377; Carr. p. 35; R.E.D. p. 124;  
Det. Syll. p. 712: (Denticula.)

CEYLANICUM, Cl. Vega p. 507-37f53; Det. Syll. p. 713;

CONSTRUENS, E. -Sm. Sp. 1. 140:-

(Fragil.: -Stenosisira.)---

DISTANS, Ralfs. -Prit. p. 790-4f34; Grun. 1862p. 373; R.E.D. p. 124; Italy;

Carr. p. 35; O'M.I.D. p. 239; Fortm. Cey. p. 51; Lagr. 1876p. 13:

(Denticula; -Glyphodesmis.)---

DUBIUM, V. S. p. 38f18:

(Fragilaria)

FOSSILE, Grun. -Cl. & M. 215; Pant. I. p. 3-3f67; 27f265; 2, 1. 32; Notar.

1838p. 622; Wille pl. 63f27; Det. S. p. 713;

FULVUM, Grev. -Prit. p. 790; Grun. 1862p. 376; Italy; R.E.D. p. 124;

Carr. p. 35; Lagr. 1876p. 13; V.H.S. pl. 36f7; J.Q.C. 1837p. 73; Malaisie;

Atlantic City; Det. S. p. 712; Wille pl. 50f23: -(Denticula; -D. furens.)

FURCIGERUM, Grun. -V.H.S. pl. 36f3; Det. S. p. 712:-

(D. fulvum, v.)---

GREGORIANUM, Grun. 1862p. 376-7f21-23; R.E.D. p. 123, f36b, c; Italy;

Malaisie:

(D. & Denticula nanum)

+ 1000 ft. Petto, Bay Horse

Diplamphora.  
Subgenus Amphora - Vide Cl. Mar. 2 p. 107.



- HARRISONI, Ralfs, Prit. p. 790-3f6; Carr. p. 35: (Oodontidium.) --  
 " var. "b", tenellum, Carruthers p. 35:  
 INFORME, Ralfs, Prit. p. 790; R.E.D. p. 120: -(Oodontidium l. & harrisoni.) --  
 LEPTOCEROS, Ralfs, Prit. p. 790: (Fragil.: -Oodontidium.) ---  
 MARINUM, Greg. - Ralfs, Prit. p. 790; Carr. p. 35; R.E.D. p. 124; O.M.I.C. p. 239; V.H.S. pl. 36f9; Malaisia: Shark River; Villef. p. 64; Woll. 45f4, 5; Det. Syll. p. 712: (Denticula.) --  
 MINUS, Greg. - Prit. p. 790; Grun. 1362p. 376-7f29; 1363p. 23, 95; R. E.D. p. 123; Carr. p. 35; O.M.I.C. p. 239; Fortm. Cey. p. 50; Cl. 1373p. 22; V. H.S. p. 146-36f10, 11a; Italy: Villef. p. 64; Det. S. p. 711: (Denticula.) --  
 " v. nana, V.H.S. p. 146: (D. nanum.)  
 MUTABILE, Ralfs, Prit. p. 790; Carr. p. 35: -(Frag. amphioxys; -Oodontidium.) --  
 NANUM, <sup>Greg.</sup> Prit. p. 790-4f33; Grun. 1363p. 2; Carr. p. 35; R.E.D. p. 123; Italy; Flogel, Baltic; O.M.I.C. p. 239; Fortm. Cey. p. 50; V.H.S. pl. 36f11b; Det. S. p. 711: (Denticula; -D. minus, var., & Gregorianum.)  
 " v. minima, Grun. - V.H.S. pl. 36f13;  
 " v. parva, Grun. - V.H.S. pl. 36f12; Malaisia;  
 " v. Thaitiensis, Castr. 1337p. 46-19f5; Notar. 1339p. 635; Det. S. p. 712;  
 PINNATUM, Ralfs, Prit. p. 791-3f4; (Stauroneis; -Oodontid. Harrisoni, "b")  
 NOVAE-CESARAE, K. & S. - T.B.C. Vol. 16p. 74-39f1, 1b; Woll. pl. 5f16; Det. Syll. p. 714;  
 " v. obtusa, K. & S. - T.B.C. Vol. 16: 74-39f1a; Woll. pl. 5f22; Det. Syll. p. 714;  
 RHOMBUS, Ralfs, Prit. p. 790: (Fragilaria.) ---  
 SINUATUM, Ralfs, Prit. p. 790-4f12; Carr. p. 35; Sm. Sp. T. 141; (Denticula; -Grunowia; -Nitzschia; -Oodontidium.) ---  
 SPECIOSUM, Ralfs, Prit. p. 791: (Fragil.: -Oodontid.) -  
 SURIRELLA, Ralfs, Prit. p. 791; Cl. 1373p. 11; Det. S. p. 712; (Frag.: -Rhapheis s. & rhombus; -Zygoceros.) -  
 TABELLARIA, Ralfs, Prit. p. 790-4f35; Carr. p. 35; Nylander, w.: - (Fragil. & Stauroneis constricta; -Oodontid.) --  
 " var. "b" constricta, Carruthers p. 35:  
 TRIUNDULATUM, Grun. 1362p. 377-7f31; R.E.D. p. 124; Det. S. p. 714; Italy;  
 VENTRICOSUM, Grun. - Heuw. Vol. 6p. 2; Cl. 1373p. 11; Det. Syll. p. 713: (Denticella.) -  
 WILLIAMSONI, Grun. 1362p. 377; R.E.D. p. 123, f36a; Legl. 1376p. 13; Malaisia: (Diaesmis; -Glyphodesmis; -timantidium.) -

## DIOMPHALA. ----- (Ehr., 1842.) -

- CLAVA-HERCULIS, E. - Abh. Ber. 1342p. 333; Mg. pls. 15A, f93; 33-2f14; (Gomphonema peninatum.) -  
 GLANS, E. - Mik. p. 90: (Gomph. glans.)

## DIPLOMEIS. ----- (Ehr., 1844.) -

- ADVENA, - A.S. - Cl. Nav. p. 31: (Navicula.)  
 " v. parva, A.S. - Cl. Nav. p. 31: Oestrup 1877p. 312: (Nav. p.) --  
 " v. recta, Br. & Her. - Cl. Nav. p. 31: (Nav. l.)  
 " v. Sansejana, Grun. - Cl. Nav. p. 31: (Nav. S.)



- ADONIS, Brun.-Cl.Nav.p.35: (Nav.a.)  
 " v.Ganymedes, Cl.Nav.p.35:  
 " v.gibbosa, Br.-Cl.Nav.p.35: (Nav.A., var. p.)  
 " v.Oamaruensis, Cl.Nav.p.35: (N. apis, p. p.)  
 AESTIVA, Donk.-Cl.Nav.p.94: (Nav.e.)  
 " forma "a" Cl.Nav.p.94;  
 " forma "b", Cl.Nav.p.94;  
 AETHIOPUM, E.-Mik.p.227;  
 AREOLATA, Cl.Nav.p.91-1f23:  
 BIOCULATA, Grun.-Cl.Nav.p.30: (Nav.b.)  
 " v.vittata, Cl.Nav.p.30-1f13:  
 BISERIATA, Cl.Nav.p.102: Atlas I74f12:  
 " v.Gallopagensis, Cl.Nav.p.103-2f16;  
 " v.lata, Cl.Nav.p.103-2f14;  
 BINARIA, A.S.-Cl.Nav.p.36: (Nav.b.)  
 APIS, E.-Abh.Ber.I34Ip.426-pl.3-7f13; Nord.p. -2f3:-(Nav.: -Pinn.)----  
 BASILICA, Brun.- (Navicula.)  
 BOLDIANA, Cl.I39Ip.43-2f12: Cl.Nav.p.92: *a. cl. 1895*  
 BOMBIFORMIS, Cl.Nav.p.37-1f26;  
 BOMBOIDES, A.S.-Cl.Nav.p.33:-  
 (Nav.b., didyma, diplosticta, williamsoni.)-  
 " v.Madagascarensis, Cl.Nav.p.33-1f22;  
 " v. " forma minor, Cl.Nav.p.39:  
 " v.moesta, A.S.-Cl.Nav.p.39: (Nav.m. & andesitica.)----  
 BOMBUS, E.-Abh.Ber.I344p.34; Mg.pls.I9f3I; 35A-23f3; Atlas I74tII:  
 Cl.Nav.p.90:-(Pinn.: -Nav.b., genuina et abnormis.)  
 " v.bullata, Cl.Nav.p.90:  
 " v.densestriata, A.S.-Cl.Nav.p.90:-(Nav.gemina, var."a", & didyma.)--  
 " v.gemina, A.S.-Cl.Nav.p.90:-(Nav.gemina, var."a".)  
 BOREALIS, Grun.-Cl.Nav.p.96: (Nav.Smithii var."b", & fusca.) *Det. 1897 p. 112*  
 " v.subconstricta, Cl.Nav.p.96:  
 CHINENSIS, Cl.Nav.p.39-1f25;  
 CLEPSYDRA, Cl.Nav.p.37-1f29;  
 COARCTATA, A.S.-Cl.Nav.p.36:-(Nav.c.)  
 CONOPS, E.-Mik.p.370:  
 COCCONEIS, E.-Mik.pl.I9f33: (*Coccinea*)  
 CIRCUMNODOSA, Br.-Cl.Nav.p.33:-(Nav.c.)-  
 CONSTRICTA, Grun.-Cl.Nav.p.33:-(Nav.c., musca & Donkinii, p. p.) *Oestrup 1897 p. 112*  
 " forma distans, Cl.Nav.p.34;  
 " formaminuta, Cl.Nav.p.34: *Oestrup 1897 p. 312*:  
 CONTIGUA, A.S.-Cl.Nav.p.32:-(Nav.c. & Thumii.)  
 " v.Eudoxia, A.S.-Cl.Nav.p.33:-(Nav.E. & Mediterranea, p. p.)  
 " v.Eugeniae, A.S.-Cl.Nav.p.33: (Nav.Eug.)  
 " v.Zecheateri, Pant.-Cl.Nav.p.32:-(Nav.Z.)--  
 CONGRUA, Jan.-Cl.Nav.p.32:-(Nav.c.)  
 COMPAR, Jan.-Cl.Nav.p.31:-(Nav.c.)-  
 CHERSONENSIS, Grun.-Cl.Nav.p.91:-(Nav.c., apis, Ehr., & Hantkenii.)

+ domblitensis,

" var. subconstricta, a. el. 1895 p. 17-1 f 10:

- CAMPYLODISCUS, Grun.-Cl.Nav.p.99: (Coccoidis costata:-  
Nav.c., & suborbicularis var.Nankooensis.)-
- CONFABIFORMIS, A.S.-Cl.Nav.p.81: (Nav.c.)  
v.densistriata, A.S.-Cl.Nav.p.81: (Nav.coff.var.d.)---  
v.subelliptica, A.S.-Cl.Nav.p.81:
- CYNTHIA, A.S.-Cl.Nav.p.32: (Nav.C.)  
v.elongata, Cl.Nav.p.32:  
v.minuta, Cl.Nav.p.32;  
v.Sibirica, Cl.Nav.p.32:
- CRABRO, E.-Abh.Ber.1344p.35; Mg.pl.19f29a-c: (Nav.c. & pardura.)--  
Cl.Nav.p.100:  
v.confecta, A.S.-Cl.Nav.p.102: (Navic.c.)  
v.dactyla, Cl.Nav.p.101-2f5;  
v.dilrhombus, A.S.-Cl.Nav.p.102: (Nav.d.)  
v.expleta, A.S., Al.Nav.p.100: (Nav.s.)  
v.Giebelii, A.S.-Cl.Nav.p.102: (Nav.G.)  
v.gloriosa, Br.-Cl.Nav.p.101: (Nav.f.)  
v.hungarica, Cl.Nav.p.101-2f10:  
v.limitanea, A.S.-Cl.Nav.p.100: (Nav.l.)  
v.minuta, Cl.Nav.p.102:  
v.multicostata, Grun.-Cl.Nav.p.102:  
(N.crabro, p.p.: -N.milt.: -N.crabro, v.Oranensis.)  
v.Nankooensis, Grun.-Cl.Nav.p.102: (N.crabro, v.Nank.)  
v.O'Mearii, Grun.-Cl.Nav.p.102-2f12: (Nav.O'M.)  
v.ornata, Cl.Nav.p.102: -(Nav.o. & var.spirifera.)  
v.pardura, Breb.-Cl.Nav.p.100: (Nav.p. & var.elongata; -  
Nav.navigans, nitida, mantichora, sideralis.)----  
v.pandurella, Cl.Nav.p.101-2f9;  
v.perpusilla, Cl.Nav.p.102:  
v.separabilis, A.S.-Cl.Nav.p.101: -(Nav.s., & crabro v.Japonica.)  
v.subelliptica, Cl.Nav.p.101-2f11:  
v.suspecta, A.S.-Cl.Nav.p.101: (Nav.?, lobosa, inflata & s.)--  
DALMATICA, Grun.-Cl.Nav.p.93: (N.Holligerii & d.)  
v.vilpenta, A.S.-Cl.Nav.p.93: (Nav.v.)-  
(Nav.s.)-
- DEBYI, Pant.-Cl.Nav.p.93:  
v.elliptica, Cl.Nav.p.93:
- DIDELIA, E.-Mik.1356p.14;
- DIDYMA, E.-Abh.Ber.1341p.333; 1370p.1.2-1f13; 1372p.23; Mg.pls.13f69;  
19f32; 21f34; 22f60a, b; 33-14f6; 33B-22f15; 39-2f27; Cl.1391p.42:  
Cl.Nav.p.90: Deskrup' 97p.3/2.-(Navic.: -Pirr.: -N.hombus, l.l.)
- DOMBLITTENSIS, Grun.-Cl.Nav.p.91-2f2; (Nav.D.: -N.hilarula.)-----  
(Nav.d.)
- DEMPTA, A.S.-Cl.Nav.p.86: (Navicula.)  
DISCREPANS, A.S.-Cl.Nav.p.86: (Navicula.)  
DIVERGENS, A.S.-Cl.Nav.p.39: (Navicula.)  
v.digrediens, A.S.-Cl.Nav.p.89: (Nav.cil.)---
- ELLIPTICA, K.-Cl.1391p.42; Nav.p.92: 1895p.17: Deskrup 1897p.3/3:  
(Nav.s. & var.minor; -N.ovalis.)  
v.grandis, Grun.-Cl.Nav.p.92: (Nav.s. var' grandis.)-  
v.Laooensis, Cl.1391p.43-2f9; Nav.p.92: 1895p.17: Deskrup 1897p.3/3:  
v.ostreodiarum, Pant.Cl.Nav.p.92: (Nav.o.)



- ENTOMON, E.-Abh.Ber.1344p.35; Mq.pts.19f50; 33-17f13; *Donk.1.* - *Donk.1.* 1897p  
2f2; Cl.Nav.1.37:-(Pinn.:N.odorata, & var. *lutea* & c.)
- EXEMPTA, A.S.-Cl.Nav.1.33: (Navicula.)--  
 " *v.digrediens*, Cl.Nav.1.33:  
 " *v.crabroniformis*, Grun.-Cl.Nav.1.33: (Nav.1.)--  
 FABA, E.-Abh.Ber.1340p.332; 1345p.335: (Nav.1.)--  
 FINNICA, E.-Cl.1391p.43-2f11; Nav.1.95: 1895p.17 (Cocconeis f.)--  
 FUSCA, Greg.-Cl.Nav.1.93:- (Nav.1.)--  
 " *v.delicata*, A.S.-Cl.Nav.1.94: (Nav.1., var. *u.*)  
 " *v.Gregorii*, Cl.Nav.1.94: (N. Smithii *v. fusca*.)  
 " *v.Japonica*, Cl.Nav.1.94-1f20:  
 " *v.nigricans*, Pant.-Cl.Nav.1.93: (Nav.1.)--  
 " *v.Norvegica*, Cl.Nav.1.93: (N. fusca, f. f.)--  
 " *v.Oamardensis*, Cl.Nav.1.94-2f3:  
 " *v.Pelagi*, A.S.-Cl.Nav.1.93: (Nav.1.)--  
 " *v.praefluta*, Pant.-Cl.Nav.1.94: (Nav.1.)--  
 " *v.pseudofusca*, Pant.-Cl.Nav.1.93: (Nav.1.)  
 " *v.subfusca*, Pant.-Cl.Nav.1.94: (Nav.1.)--  
 " *v.subrectangularis*, Cl.Nav.1.93:-(N. fusca, var. & Smithii.)-  
 " *v.tenuipunctata*, Cl.Nav.1.94: (N. fusca, f. f.)--  
 " *v.VanHeurekii*, Cl.Nav.1.94-1f19:  
 GRUENDLERI, A.S.-Cl.Nav.1.89: (Nav.1.)--  
 GEMMATA, E.-Abh.Ber.1356p.423: Cl.Nav.1.93: (Nav.1.)--  
 " *v.fossilis*, Pant.-Cl.Nav.1.93: (Nav.1. var. f.)----  
 " *v.Madagascariensis*, Cl.Nav.1.99:  
 " *v.minor*, Cl.Nav.1.99:  
 " *v.Oamardensis*, Cl.Nav.1.99:  
 " *v.pristiophora*, Jan.-Cl.Nav.1.99: (Nav.1.)--  
 " *v. forma minuta*, Cl.Nav.1.99:  
 " *v.spectabilis*, Grun.-Cl.Nav.1.99:-(Nav.1. & Grunowii Rabh.)----  
 " *v.typica*, Cl.Nav.1.99:- (N. Basilica &  
*pseudogemmata*; -Nav.1., & vars. *biseriata* & *spectabilis*.)  
 GEMMATULA, Grun.-Cl.Nav.1.103: (Nav.1.)--  
 " *v.Beyrichiana*, A.S.-Cl.Nav.1.104: (Nav.1.)--  
 " *v. forma minor*, Pant.-Cl.Nav.1.104:-(N. Bey., f. minor.)-  
 " *v.Grunowii*, Cl.Nav.1.104:-(Nav.1., f. f., & *laevissima*.)----  
 " *v.hungarica*, Cl.Nav.1.103;  
 " *v.lacrimans*, Cl.Nav.1.104:  
 (Nav.1., f. f., & *Taschenbergeri*, p. p.: -N. lac. var. *foss.*.)--  
 " *v.Moravica*, Cl.Nav.1.104:  
 GRAEFFII, Grun.-Cl.Nav.1.93: (Nav.1.)  
 " *for. minor*, Cl.Nav.1.93:  
 GLACIALIS, E.-Abh.Ber.1361p.295; 1372p.2f21:  
 GRACILIS, E.-Abh.Ber.1372p.165;  
 HYALINA, Donk.-Cl.Nav.1.30:-(Nav.1., Donkin.)--  
 HYALINA, E.-Abh.Ber.1340p.332:-(N. hy., Ehrb.)--  
 HUDSONIS, Grun.-Cl.Nav.1.30: (Nav.1.)  
 IMPERIALIS, E.-Abh.Ber.1345p.332: (Nav.1.)  
 INSCRIPTA, Cl.Nav.1.30-1f17:  
 G

littoralis.

" var. *clathrata*, Oestr. Mar. D. 3 f 15: 1897 p. 313:

" var. *hyperborea*, Cl. - Oestrup 1897 p. 313: Mar. D. pl. 40:

major. Cl. - Oestrup 1897 p. 313:



- GUINARDIANANA, Brun.-Cl.Nav.p.35: (Nav.G.)
- INTERRUPTA, K.-Cl.I39Ip.42; Nav.I.34:  
(Nav.i., & var.Novae-Z., N.pusilla.)
- v.elancilla, A.S.-Cl.Nav.p.34: (Nav.c.)
- v.Gorjanovicii, Pant.-Cl.Nav.p.34:  
(Nav.G. & var.major; -N.suspecta var.Czek.)--
- v.Tallyana, Cl.Nav.p.34; Grun.I382p.I50-30f59;
- v.Weisneri, Pant.-Cl.Nav.p.34: -(N.Weis., & interrupta & v.foss.)
- v.Zanzibarica, Grun.-Cl.Nav.p.34: (N.int.v.Zanz.)
- INCURVATA, Grev.-Cl.Nav.p.34: (Nav.i.)-
- KUTZINGII, Grun.-Cl.Nav.p.90: (Navicula)
- v.bullata, Cl.Nav.p.90:
- LINEATA, Donk.-Cl.Nav.p.35: (Nav.l. & Adriatica.)
- forma pusilla, Cl.Nav.p.35:
- LACINIOSA, A.S.-Cl.Nav.p.32: (Nav.l.)
- LESIENSIS, Grun.-Cl.Nav.p.I04-2fI7, I3;
- LETOURNEURI, Cl.Nav.p.33-IfI8:
- LITTORALIS, Donk.-Cl.Nav.p.94: -(N.ovulum; -N.litt. & v.subtilis.)--
- v.hospes, A.S.-Cl.Nav.p.94: (Nav.h.)---
- MESOLEIA, E.-Abh.Ber.I372p.293; Nord.p.22-2fI;
- MEDITERRANEA, Grun.-Cl.Nav.p.32: (Nav.gemata, v.M.)--
- MUNDA, Jan.-Cl.Nav.p.32: - (Nav.m.)
- MAULERI, Brun.-Cl.Nav.p.93: Navicula.)
- v.borussica, Cl.Nav.p.93: -(Nav.M.v.bor.)---
- MAJOR, Cl.Nav.p.93: (N.Smithii, A.S.)
- v.permagna, Pant.-Cl.Nav.p.97: ~~(N.pernasta)~~ (N.fusca, v.per.)
- MICROTATOS, Castr.-Cl.Nav.p.95: -(N. f. ) (Navic.)
- v.Christiani, T.C.-Cl.Nav.p.96: -(Raphidodiscus, species Jones.)
- MIRABILIS, Castr.-Cl.Nav.p.97: (Nav.m.)
- MUSCAEFORMIS, Grun.-Cl.Nav.p.33: (Navic.)
- v.constricta, Grun.-Cl.Nav.p.33: (Nav.c.)
- v.genuina, Cl.Nav.p.33:
- v.placida, A.S.-Cl.Nav.p.33: (Nav.l.)
- v.pusilla, Cl.Nav.p.33:
- v.maxima Cl. ?
- NITESCENS, Grev.-Cl.Nav.p.97:  
(N.nit., Adriatica & Smithii, v.nit.)---N. & Pinn.Arraniensis.)
- v.fossilis, Pant.-Cl.Nav.p.97: (Nav.nit.var.f.)
- v.fuegiana, Petit.-Cl.Nav.p.97: -(N.nit.var.f.)--
- v.serratula, Cl.Nav.p.97: -(Nav.s.)
- NOTABILIS, Grev.-Cl.Nav.p.93: (Nav.n.)
- v.expleta, A.S.-Cl.Nav.p.93: (Nav.n., var.ex.)
- OBLONGELLA, Naeg.-Cl.I39Ip.44: (Navic.)
- OCELLATA, Cl.- (N.vagantula.)-----
- OCULATA, Breb.-Desmaz.2, No.IIO: Cl.Nav.p.92: -(Nav.o.)--
- O'NEARII, Grun.-
- v.pusilla, Cl.-Atlas I74fI2:

> splendida, Gg. - Ost. Mar. D. 5f64:1897p.312:

> subcineta, A.S. - Ost. Mar. 1897p.312:

Disconois

N.Y. & Clee, Nov. 2 (1893) p.180:

- 
- OVALIS, Hilse.-Cl. 1391p.44-2f13; Nav.p.92: 1897p.313: *Oestrup 1897p.313*  
 (Nav. & Pinn. O., p.p.: -N. elliptica, p.p.) -  
 \* var., A.S.-Atlas 192f26:  
 \* v. oblongella, Naeg.-Cl. Nav.p.93: -(Nav. obl. & ov., var. foss.)  
 \* v. pumila, Grun.-Cl. Nav.p.92: (N. ov., var. p.) -  
 PANDURA, Cl. - ? (N. navigans.)  
 PAPULA, A.S.-Cl. Nav.p.35: -(Nav. p.) -  
 PRAESTES, A.S.-Cl. Nav.p.37: (Nav. p. & Guinardiana.) ---  
 PARMA, Cl. 1391p.42-2f10: Nav.p.95:  
 PLATESSA, Grun. & Cl.-Cl. Nav.p.97-2f6:  
 PRISCA, A.S.-Cl. Nav.p.103: (Navic.)  
 PROSERPINA, E.-Abh. Ber. 1353p.13; 1372pl.2f27: (Navic.)  
 PUELLA, Schum.-Cl. Nav.p.92: *Oestrup 1897p.313*:  
 (Nav. elliptica v. minutissima & p.)  
 PULLUS, E.-Abh. Ber. 1372p.161:  
 RHOMBUS, E.-Abh. Ber. 1356p.423: (D. nimbis.)  
 SMITHII, Breo.-Cl. 1391p.42: *Oestrup 1897p.313*: (Nav. S.)  
 SUBNUDA, A.S.-Cl. Nav.p.31: (Nav. S.)  
 \* v. densestriata, A.S.-Cl. Nav.p.32: -(Nav. S. var. den.)  
 SUBORBICULARIS, Grun.-Cl. Nav.p.131: *Oestrup 1897p.312*:  
 (Nav. S., & Smithii, v. sub.)  
 SZONTAGHII, Pant.-Cl. Nav.p.99-2f7: (Nav. S.)  
 SUBCINCTA, A.S.-Cl. Nav.p.33: (N. diadema, p.p., & S.)  
 SPLENCIDA, Grun.-Cl. Nav.p.37: (N. margaritifera: -  
 (Nav. entomon, p.p., & s.: -N. diadema, var. N. gemmatula & Taschenbergeri.)  
 \* v. diplosticta, A.S.-Cl. Nav.p.33: (Nav. u.)  
 \* v. elesdiana, Pant.-Cl. Nav.p.33: - (Nav. e.)  
 \* v. Haynaldii, Pant.-Cl. Nav.p.33: (Nav. H.)  
 \* v. margarita, A.S.-Cl. Nav.p.33: (Nav. m.)  
 \* v. prominula, A.S.-Cl. Nav.p.33: (Nav. p.)  
 \* v. Puella, A.S.-Cl. Nav.p.33: (Nav. exempta & p.) ---  
 VAGABUNDA, Brun.-Cl. Nav.p.103-2f13, 15;  
 VESPA, Cl. Nav.p.97-2f5; N  
 VACILLANS, A.S.-Cl. Nav.p.95: (Nav. v.)  
 \* forma "b", Cl. Nav.p.95: -(Nav. v., p.p., & p.ica var. producta.)  
 \* v. Corsicana, Grun.-Cl. Nav.p.95;  
 \* v. delicatula, Cl. Nav.p.95:  
 \* v. minuta, Grun.-Cl. Nav.p.95: -(Nav. v. for. minuta & N. Pfitzeriana.)  
 \* v. renitens, A.S.-Cl. Nav.p.95: -(Nav. vac., var. r.)  
 WEISSFLOGII, A.S.-Cl. Nav.p.97: (Nav. diversa & w.) --

DISCOPLA.----- (Ehr., 1840.) -

- ACTINOCYCLUS, E.-Abh. Ber. 1344p.267: (Cyclotella.) --  
 AMERICANA, E.-Abh. Ber. 1344p.31: ..  
 ANNULATA, Schum. 1367p.60-3f62:  
 ASTRAEA, E. M. p.32: (Stephanodisc. Aegyptiacus & a.: -Cyclot. rotula & a.;  
 ATLANTICA, E.-Mik. pl. 39-3f29: Schum. 1367p.60-3f63: -(Melosira; -Cyclot.)

41  
moniliformis, E. - Inq. pl. 38-2241-3:

- ATMOSPHERICA, E.-Abh.Ber.1847p.434; 1872pls.Ib, f14; Ia, f9, 10; Ic, f1;  
Mg.pls.34-7f2, 3: 33A-I2f1-3: 39-2f2a, 3a, 4a: 39-3f23: A.J.S.1851, f  
2, 9; Prit.1852pl.24f1, 2: Schum.1867p.60: 39-1f17,  
(Cyclot.rotula; -Melosira; -S'aiscus.Aegyptiacus.) -  
" v.ocellata, Schum.1867p.61-3f64;  
BIPUNCTATA, Schum.1867p.61-3f69;  
CINCTA, E.-Mik.p.227:  
CINGULATA, E.-Abh.Ber.1842p.265:  
COMPTA, E.-Abh.Ber.1844p.267: Mg.pls.7-3a, f2a, b; 33-I1f; 33-I2f; 33A,  
f5: 33A-I1f; 33A-Ia, f3; 33A-3a, f4; 33A-2f1; 33A-7f5; 33A-I2f1-3; 33A-  
Schum.1867p.61-3f70: (Cyclotella.) ---  
COSCINODISCUS, E.-Abh.Ber.1845p.76; Mg.pl.33-I0f1, 2: (Cyclot.) -  
DENDROCHAERA, E.-Abh.B.1843p.219: 1871pls.2a, f10, 11: Deny, D.Ter.: (Cyclot.)  
DENTICULATA, E.-Abh.Ber.1844p.267: (Cyclot.)  
DIVES, E.-Abh.B.1844p.202; (Actinopt.: -Cyclot.: -Stictodiscus.)  
GALLICA, E.-Abh.Ber.1844p.271:  
GANGETICA, E.-Mik.p.123:  
GRABCA, E.-Abh.B.1840p.204; Mg.pl.6-2f1a-c, 4; Schum.1867p.61-3f67;  
(Coscinodiscus; -Cyclotella.) --  
" var."b"holosticha, E.-Mg.pl.6-2f2a, b; Schum.1867p.61-3f67b;  
" var."g"stelligera, E.-Mik.pl.6-1f3a-e;  
" v.bacilifera, Schum.1867p.61-3f67a;  
" v.semiozellata, Schum.1867p.61-3f67c;  
GRACILIS, E.-Abh.B.1840p.14: (Coscinod.) ---  
KUTZINGII, E.-Abh.Ber.1840p.246; Mg.pl.35A-I3a, f14: -(Cyclot.arenulata.)  
LAEVIS, E.-Abh.B.1869p.262; Nord.p.22:  
MAMILLA, E.-Abh.B.1845p.76; Mg.pls.33B-22f1: 33A, f14 cum icone:  
(Cyclot.)  
MARGARITIFERA, Schum.1867p.61-3f63;  
OPERCULATA, ?-(Cyclotella.) --  
OPULENTA, E.-Abh.Ber.1845p.359: (Cyclot.)  
OLIGACTIS, E.-Mik.pl.35A-9f1: (Actinocyclus.)  
OREGONICA, E.-Mik.pl.37-2f3, 3x: Abh.B.1870p.53; White pl.112f14;  
(Cyclot.; -S'aiscus.astraea, var.; -Discoplea)  
ORNATA, E.-Mik.p.331:  
PARADOXA, E.-Abh.B.1869p.262; Nord.p.22:  
PERUANA, E.-Abh.B.1844p.342; Mg.pls.33A-I3f1; 33A-I4f3: -(Cyclot.)  
PHYRGIA, E.-Mik.p.35:  
PMYSOPLEA, E.-Abh.B.1845p.76; Mg.pl.33-I7f3: Atlantic City: -(Cyclot.)  
PICTA, E.-Abh.B.1845p.363; Mik.p.123: (Cyclot.) -  
PUNCTATA, E.-Abh.Ber.1869p.262:  
RADIATA, E.-Abh.B.1842p.265:  
ROTA, E.-Abh.B.1844p.202; Mg.pl.35A-22f3: -(Cyclot.: -Stictodiscus.)  
ROTULA, E.-Abh.B.1844p.202; Mg.pl.35A-22f7: -(Cyclot.: -Stictodiscus.) --  
SIMBIRSKIANA, E.-Abh.Ber.1845p.302:  
SINENSIS, E.-Abh.B.1847p.434; 1872pls.Ib, f13; Mg.pls.39-I1f3; 39-3f50;  
Schum.1867p.60; M.T.P.4-5-I4; (Cyclot.)  
" vars."a" & "b", E.-Mik.pl. 34-7f2, 3;  
Schum.1867p.60-3f 36;  
" var. ... Schum. 1867p. 60-3f 36;



SOL, E.-Mik.p.I28:

SORRENTINA, E.-Mittelmeeeres I873pl.4fI9-23:

UMBILICATA, E.-Abh.Ber.I854p.239: Mg.pl.35B-4b,f9;

Schum.I867p.60-3f6I,6Ia;

(Cyclotella.)

UMBONATA, E.-Mik.p.I28:

UNDATA, E.-Abh.B.I844p.267:

(Cycl.)--

UNDULATA, E.-Mik.pl.33-I3f3; Schum.I867p.6I:

(Triceratium crenatum & Ehrenbergii.)--

VENUSTA, E.-Abh.B.I852p.534; I870p.1,2-2fI5; I87Ipl.1b,fI5,I3:-(Cycl.)

DISCOSIRA.----- (Rabh., 1851)

SULCATA, Rabh.S.D.p.I2,II.3; Prit.p.322-5f68; R.E.D.p.36f7; Italy:

Det.Syll.p.I369:

(Melosira; -Paralia; -Orthosira.)

DISCUS.----- (Stodder, 1871)

PORCELAINEOUS, Stodder.-A.J.M.I879p.I4; Wille pl.74fI7; J.R.M.S.

I879p.337; Det.Syll.p.I426;

DISIPHONIA.----- (Ehr., 1853)

AUSTRALIS, E.-Mik.pl.35A-2f7; Prit.p.3I0-4f55; M.D.pl.42f23;

(Diatomella & Grammatophora Balfouriana.)---

v. Seelandica, E.-Abh.Ber.I869pl.2-2fI3;

DITYLUM.----- (Bailey, 1861)

BRIGHTWELLII, West.-V.H.S.p.I95: Det.Syll.p.I0I7:

(Triceratium.)-

v. inaequalis, Grun.-V.H.S.p.I95-II4f3,5-7:

(Tric.; -Dit.i.)--

v. tetragona, V.H.S.pl.II4f4,3: Cl 1897p.23:

v. trigona, V.H.S.pl.II4f9; Cl 1897p.23:

(Tricerat.)-

EHRENBERGII, Grun.-V.H.S.pl.II5f7,8; W. & C.2f.5-4fI2;

(Tric.: -Discoidea undulata.)-

GROVEI, Brun.-LeD.No.I2p.I75-24f9:

(Trinacria Maelleri.)

INAEQUALE, L.W.B.-B.J.N.I.I367p.332,fI2-I4:

(D. Brightwelli, v.)

INTRICATUM, West.-V.H.S.p.I95-II4f2; Villef.p.70; Det.S.p.I0I3: (Tric.)

SEGMENTALE, Brun.I89Ipl.25-I4f2a.o:

(Lithodiscum.)

SOL, H.V.H.S.pl.II5fI,2: Melaisie; Det.S.p.I0I3:

(Tric.s.)

TRICOMUM, Bailey.-B.J.N.I.I367p.332,f6,I0,I1: Sr.S.I.I42:

(D. Brightwelli, var.)--

UNDULATUM, E.-V.H.S.pl.II6f7:

DONKINIA.-----

-, O'M., M.J.I877p.I95: Q. & M.S. 1867p.10:

ANGUSTA, Breb.-Ralfs, Prit.p.92I; Carr.p.II3; R.E.D.p.242 cum icones;

Per. Pleur.p.30-9f5; Det.Syll.p.273: -Chironomus-

(Pleurosigma a.)-

ANTIQUA, Gro. & St.-J.Q.C.I837p.I33; Per. Pleur.p.29: Det.S.p.273: (Pleurosigma compactum)

CARINATA, Donk.-Ralfs, Prit.p.92I-3f49; R.E.D.p.242 cum icones; Carr.

p.II3; Bul.S.p.7.33; Sr.S.I.I43; Cl.V.2p.477,497; Per. Pleur.p.29-

9f6; Det.S.p.273:

(Pleur.);;

Subflexuosa, Grun. Mss.: - Cl. Nav. p. 119: - (Eg. Sigma Aret.)



- COMPACTA, Grev.-Ralfs, Prit.p.92f; Breb.D.C.: Carr.p.II3; R.E.D.p.242; cum icon; Lep. I376p.50;  
 (Amphipora Ralfsii; -D. recta; -Pleurosigma c. & recta: *Gyrosigma* (Navicula)  
 CRISTATA, E.-Prit.p.920: Del.Syll.p.274:  
 DIDYMA, Carruthers p.II3; (Amphipora, w.S.)  
 DIVERSA, Ralfs, Prit.p.92f;  
 DUPLEX, Carr.p.II3; (Amphipora, Dunkin.)  
 INVERSA, Ralfs, Prit.p.92f; Del.S.p.274; (Navicula.)--  
 MINUTA, Dunk.-Breb.D.C.: Prit.p.92f; R.E.D.p.242; Cl.Veg. p.473; Per. Pleur.p.30-9f9; Malaisia; Del.S.p.273; (Pleurosigma)  
 RECTA, Dunk.-Carr.p.II3; M.T.P.3-3-14; V.I.S.p.II9-17f9; T.No.194; Cl.Veg. p.497; Villef.p.54; Malaisia; Per.Pleur.p.30-9f4; Del.S.p.274; (*Gyrosigma*: *D. compacta*; -Pleurosigma)  
 " var. "b"rinita, Dunk.-Carr.p.II3:- (*Gyrosigma* var. *brinita*; (Pleurosigma)  
 " v.intermedia, Per.Pleur.pl.9f7,3; Del.S.p.274;  
 RETICULATA, Norman, Grev., Trans.Bot.Soc.Edinb.Vol.3p.237-31f3, 14; 1864  
 >Prit.p.92f; R.E.D.p.243; Perag.Pleur.p.29-9f2; Del.Syll.p.274;  
 THUMII, Cl.-Per.Pleur.p.30-7f23; 9f10; Del.Syll.p.274;  
 (D. recta, Ralfs: *Gyrosigma*:

## DORYPHORA.----- (Kz., 1844.

- AMPHICEROS, K.B.p.74-5f10; 2f(2)f1; K.S.A.p.50; Prit. I352, l.17f2f;  
 S.B.D.Ip.77-24f224; Gran.I362p.334; M. & R.S.p.7f; Mull; R.E.D.p.123;  
 Roper, Thames; Cl.I373p.II; M.T.P.4-1-20; Deby Polan p.15;  
 (Cocconeis; -Raphoneis a., fasciolata, gemifera, plicolosa, rhombis.)  
 BOECKHII, S.B.D.Ip.77-24f225; Schur.I357p.54; M. & R.S.p.7f; Mull;  
 (Brebissonia; -Cocconeis b. & lanceolatum; -Navicula.)---  
 ELEGANS, Roper.-M.J.I354p.234, f3;  
 (Euphyllidium spatulatum; -Podocystis Americana.)

## DRURIDGEA;-- (Dunkin, 1864.)

- COMPRESSA, Dunk.-Sm.Sp.T.No.65I; (D. geminata; -Podocystis.)  
 GEMINATA, Dunk.-M.J.I36Ip.I3-If15; Carr.p.9f; V.I.S.pl.9f25, 26;  
 T.No.472; Del.S.p.I365; (Podocystis compressa.)

## ECHINARIA.----- (Kz., 1844.)

A subspecies of Syneura.--

Vide K.B.p.64; K.S.A.p.4f; Meneg.A.N.D.p.400; -

## ECHINELLA.----- (Lachmann, 1863.)

- , Bailey, A.J.S.I342p.6-3f9;  
 ABBREVIATA, E.-Inf.p.222-19f4;  
 (Gomphonema a. & brevipes; -Licophora minuta.)---  
 ACUTA, Lyngh. Hydr.Tent.p.200, pl.39; -(Cymbella; -Syneura fasciculata.)  
 ANNULATA, (Achnanthes unipunctata.)-  
 CAPITATA, E.-Abh.B.I330p.100; Int.p.22f-19f5; -(Syneura Ehrenbergii.)  
 CHAUVINI, Doby Bot.Gallie. (Syneura amphyrhynchus.)  
 CIRCULARIS, Grev.-Ann.Weinmannian Soc.Vol.4p.213-3f2; Del.Syll.p.274;  
 Scottish Flora pl.35; (Syneura.)----

splendida, E. Inf. pl. 19f2:- (L. Flab.)

- CRENULATA, Corda, Almanach Carlsbad: (Gomphonema abbreviatum.)  
 CUNEATA, Lyncebye Hydr. Tent. p. 210, pl. 70f "F": Jurg. Alg. Exs. Dec. XVIII: (Podosphaeria C. & communis: Frust. eum. Scm. v. g.)  
 FASCICULATA, Lyncebye Hydr. Tent. p. 210, pl. 70f: Scott H. p. 10 f 1-3; 278 f 2: (Diatoma; -Diat. & Syneura crystallina; -Syn. Gaillon.) Jurg. Alg. Exs. Dec. XVIII: v. truncata, Grev. - Scott. Flora (Syneura ilia.)  
 FLABELLATA, - Carmichael Mss.: E. Inf. p. 220-19f I; A. S. S. 1342p. 3-3f 3; (Meridion radians; - Liemophora (Gomphonema) f., argentescens & radians.) ---  
 FULGENS, (Diatoma variegatum.)  
 GEMINATA, Lyncebye Hydr. Tent. p. 210, pl. 70f "D": (Gomphonema.) --  
 OBTHUSA, Lyncebye Hydr. Tent. p. 203, pl. 69; Jurg. Alg. Exs. Dec. No. XVII: (Denticula; -Diatoma C. & vulg.: -Epithemia turgida; -Syneura: Frust. eum. Scm. v. g.)  
 OLIVACEA, Lyncebye Hydr. Tent. p. 209-70f 100 (1-3); Jurgens Algae exsicc. No. 139: - (Meridion vernalis; - Gomphonema; -Gomphonella.) ----  
 PARADOXA, Lyncebye Hydr. Tent. p. 211-70f "E": Scott. Flora pl. 25; E. Inf. p. 221: (Gomphonema; -Liemophora; -Podosph. communis & p.; -Rhipidophora.) --  
 RADIOSA, Acharius in Beitrag zur Naturk. p. 340:  
 STIPITATA, Lyncebye Hydr. T. p. 210-70f 3; (Achnanthes brevipes & subsess.) - 726:  
 STRIATA, Turpin Dict.: (Podosphaeria gracilis.)  
 STRICTA, Bory Dict.:  
 VENTILABRUM, Carmichael; - T. M. S. 1332p. 55: - (Liemophora splendida.) -  
 VENTILATORIA, Desmaz. - Meridion circul.: - Podosphaeria gracilis.) ----  
 VITREA, Bory Dict.: (Syneura.) --

# EMERSONIA. --- (Bailey, 1843) -

- ANTHRA, Bailey. p. 1. 2f 25: A. S. S. 1843p. 139: (Zygocenes thomasi.) --  
 ELEGANS, Bailey. p. 1. 2f 25: A. S. S. 1843p. 139: (Zygocenes emersoni.) --

# ENCYONEMA. ----- (Kz, 1833) -

- , Meneg. A. N. D. p. 411: -, Tanaka 1379p. 43;  
 -, A. S. Atlas 9f II: 10f 44: 7f 13:  
 ARCUS, Ralfs, Prit. p. 380: (Gloeorema.) ---  
 AUERSWALDII, Rabh. S. D. p. 24-7f 2: R. Alg. E. No. 1335; Prit. p. 379: R. E. D. p. 33, f 23; Prollius p. 53; Sm. Sp. T. 144; Atlas 10f 54; Bellbe, Liehon; Woll 3f 21; Gallik, Papan; Spaner, Dura; Parag. p. 50; (E. caespitosum, v.) --  
 CAESPITOSUM, K. S. A. p. 31; R. S. D. p. 24-7f 5; S. B. D. 2p. 33-55f 343; Prit. p. 379; Carr. p. 100; Schum. 1. T. 1. 42, 53; 111; R. E. D. p. 33: Ital; Cl. & M. 33; Sm. Sp. T. 145, 146; Ebert, Cassel; Atlas 10f 53-55, 50-52; Prit. 1. 13; Kinnor; "A" f 3; T. No. 35; Cl. 133 I. 1. 4, 3; Vega p. 490; Delogne; Dannf. p. 22: M. T. P. 2-4-23; Bellbe, Liehon; Parag. p. 53; Lake Michigan; Gallik, Papan; Kirch. Alg. Schl. p. 139; Woll 1. 3f 20; Hoffmann, Marburg; J. L. S. 1334p. 244; Strode, Kleiker; Trian 1335p. 1f 10; Del. S. p. 372: Merib. p. 73: (E. prostratum; -Cymbella C. & elongata.) -  
 forma gracilior, Rabh. E. D. p. 35:  
 vars., A. S., Atlas 7f II, 12:  
 v. Auerswaldii, V. H. S. p. 33-3f 14; Del. S. p. 372:

inlegans Cline. - (Cymatella)

Jordani Grav. - (Cymatella)

- " v. lata, H.V.H.S.p.36-3f13; Del.Syll.p.373; Herib.p.73;  
 " v. obtusa, A.S., Atlas 10f47, 43; Del.S.p.373;  
 " v. ovata, A.S., Atlas 10f45, 43; Del.S.p.373;  
 " v. pediculus, E.-Del.Syll.p.373;  
 GERSTENBERGERI, Grun. 1365p.9-1f11; Heaw. Vol.4, 1.27; Schum.H.1.p.  
 65-2f30; Del.S.p.374;  
 GLOBIFERUM, Ralfs, Prit.p.330; Del.S.p.374; (Globonema.)--  
 GRACILE, Rabh.S.D.p.24-10f1; Prit.p.330; R.E.D.p.33; Petit, Mimosa;  
 Atlas 10f33, 37, 39, 40; Kinnora; Cl. 133Ip.4; 139Ip.43; V.H.S.pl.3f  
 20, 22; Wollé pl.3f13, 17; Kirch. Alg. Schl.p.190; Del.S.p.373; Herib.  
 p.74; (Cocconema; Cymbella; Globonema.)--  
 " forma minor, Herib.p.74;  
 " var., V.H.S.pl.3f21; Cl. 133Ip.4; (Cymbella; Scotica, f.p.) +  
 " v. lunata, W.S.-Cl. 139Ip.43; Herib.p.74; (E. lunata.)-  
 HEBRIDICUM, Greg.-Cl. & M.No.37; A.J.M. 1377p.151; Cl. 139Ip.43; Del.  
 Syll.p.374; (Cymbella.)  
 LUNATUM, W.S.-V.H.S.pl.3f23; T.39; (Cymbella; E. gracile, v.)--  
 LUNOLA, Grev.-Atlas 10f42, 43; 7If14, 15, 32-34; Kinnora; Herib.p.75;  
 (Cymbella; Cymbophora macilata.)-- V.H.S. pl. 3 f13  
 " var., A.S., Atlas 7If14; Herib.p.73;  
 MAXIMUM, Aders.-Atlas 7If3, 9; Wartmann & Sch.No.29;  
 (E. paradoxum & prostratum.)--  
 PARADOXUM, K.Syn.p.61, 173; K.B.p.32-22ff; K.S.A.p.61; R.S.D.p.24-7f  
 3, 4; Marissal; E. Inf.p.237; M.D.pl.14f10; Macdonald pl.10f34; Gallix,  
 Papan; M.T.P.2-4-22; Hoffmann, Marburg; Wollé pl.3f23; Spamer, Duren;  
 (Cymbella & E. prostratum; E. maximum; Globonema; Isthmia catenata.)  
 PROSTRATUM, K.B.p.32-25f7; K.S.A.p.61; Hass. Alg.p.439-100f10; --Ralfs,  
 in Prit. 1352pl.17f52; A.M.N.H. 1345p.132-13f5; R.S.D.p.24-7ff; S.B.  
 D.2p.33-54f345; Prit.p.373-7f49; 14f22; R.D.Ex.No.23; R.E.D.p.35;  
 Carr.p.100; Schum.H.1.pp.42, 65; R. Alg. Nos. 321, 1247; Eul.  
 Sp.T.34; Hall; Nylander, W.: Petit liste p.13; Atlas 10f64-69; 7If5, 7;  
 Sm. Sp.1.147; Dall.1.22; V.H.S.p.35-3f9-II; T.34; Tanager 13/9.10,  
 f21; Belloc, Luchon; Lake Michigan; Kirch. Alg. Schl.p.139; Malaisie;  
 Delogne; Truan 1335pl.1f12; Cl. 139Ip.47; Del.S.p.371; Herib.p.72;  
 (Cymbella p. & encyonema; E. caespitosum, maximum & paradoxum; -  
 Globonema Leibleinii; Monema; Schizonema.)--  
 " var., (sporangialis) -S.B.D.2p.33-54f345a;  
 " var., A.S., Atlas 7If3, 9;  
 " var. " S.B.D.2p.33-54f345b; Prit.p.379; Heaw. Vol.2p.133;  
 SIGMOIDES, K.S.A.p.62; Del.S.p.374; (Globonema; Planonema.)  
 SINENSE, E.-Ralfs, Prit.p.379; R.E.D.p.33; Del.S.p.374; (Globonema.)  
 TRIANGULUM, K.S.A.p.62; Prit.p.379; R.E.D.p.33; Atlas 10f54; 7If10;  
 Lake Michigan; Wollé pl.3f22; Del.S.p.374; (Globonema.)-  
 TURGIDUM, Greg.-Grun., Atlas 10f53, 60-62; 7If17; V.H.S.p.35-3f12; Cl.  
 133Ip.3; 139Ip.47; Del.S.p.372; Herib.p.73; (Cymbella.)--  
 UNGERI, Grun.-Atlas 10f53; Del.S.p.374; (Collettonema laevis.)  
 & encyonema

gentianaceae, A. J. O. 1838 p. 119-2 f 2.

7. gentianaceae, An. L. 2, n° 22 p. 237-2 of 3: - Atlas 88 f 9: 202 f 3:

- VENTRICOSUM, K.-Atlas IOf59; Dannf. 1.22; V. L. S. 1.33-3f15-17; T. No. 36-38; Cl. I33If.4; I39If.47; Lake Michigan; Peck, 1833; Gallia, 1841; Wille pl. 3f19, 20; Kirch. Alg. Schl. p. I39; J. L. S. I334p.214; Del. S. p. 374; Malaisie; Herib. p. 73; (Cymbella c. minuta & Silbermann.) *Tolsta p. 421.*  
 v. caespitosa, K.-Cl. I39If.47; (E. caesp.)  
 v. excisa, H. & Per.-Herib. p. 74;  
 v. minuta, A. S., Atlas 7If10, 3I; V. H. S. pl. 3f19; Herib. p. 74; Malaisie; (C. ventricosum.) -  
 YARRENSSE, A. S., Atlas 7If10; Del. Syll. p. 374; (Cymbella.)

## ENDICTYA.----- (Ehrh, 1804)

- , A. S., Atlas I43f10;  
 BORYANA, Pant. 2p. II4-2f334; Del. Syll. 1. II90: ~~9. 24 p. 9~~  
 CAMPEACHIANA, Grun.-Del. Syll. p. II90: *Gm. 1884 p. 91*; (Stephanopyxis).  
 CRIBROSA, Breb. Verm. p. 3; (Melosira).  
 LUNYACKSEKII, Pant. 2p. II4; 3p. -IOf13; Del. S. p. II90;  
 MINOR, A. S., Atlas 65f14-16; J. Q. C. I3351. I74; Pant. 2, p. II4; Del. Syll. p. II90; (Coscinodiscus concavus.) --  
 OCEANICA, E.-Abh. Ber. I345p. 76; Mg. pl. 35A-I3f6, 7; Weiss. Gl. p. 305-2f 34; Prit. p. 331-5f70; R. Alg. 2556; Cl. & M. II0; Cl. I373p. I3; Sm. Sp. 1. I43; M. T. P. 4-I-3; Atlas 65f10-13; I43f11, 12; J. Q. C. I3351. I74; Pant. 2p. II4; Villef. p. 73; Del. S. p. II39; (Coscinodiscus; -Melosira; -Orthosira.) --  
 SCHMIDTII, Pant. 2p. II5; 3p. -5f39; Del. S. p. II90; -(Non-determinate.) --  
 SUPERBA, E.-Deby, list of Belgian Diatoms; Del. Syll. p. II90;

## ENDOSIGMA.----- (Breb., 1849)

- EXIMIUM, Breb. in litt.: Eul. Sp. T. 35; M. T. P. 3-6-7; Cl. I33If. 9; V. H. S. pl. 2If2; Dannf. p. 34;  
 (Colletoroma; -Encyonema sigmoidum; -Planorbis; -Schizoroma; *Gyrosigma*)

## ENDOSTAURUM.---- (Grev., 1849)

- CRUCIGERUM, Grun.-M. T. P. 3-5-3, 9; (Schizonema; -Staurosira.) -

## ENTOAGONIA.----- (Grev., 1849)

- , A. S., Atlas I52f13;  
 ABERCROMBIEANA, Grev.-M. J. I363p. 235; Atlas 33f7; W. & C. 2p. 3-3f6; LeD. Vol. 2p. 36-I6f5; No. IOp. I33-I3f5; I9f9, 10; Del. Syll. p. 976; (E. approximata; -Triceratium.)  
 v. decora, Berpon.-LeD. No. IOp. I34-I9f11, 12; Del. S. p. 976;  
 AMABILIS, Grev.-M. J. I363p. 236-IOf3I; W. & C. 2p. 7-3f5; LeD. No. IOp. I4I-2If2, 3; (E. reticulata.) -  
 APPROXIMATA, Grev.-M. J. I363p. 233; (E. Abercrombieana; -Tric.) -  
 BRUNII, Berpon.-LeD. No. IOp. I4I-2If1; Del. S. p. 930: *Atlas 203 f10*  
 CONSPICUA, Grev.-M. J. I363p. 237-IOf23;  
 v. trigemmis, Brun, I39If. 25-IIf6; (E. Davyana, var. tri.)

+ formosa, at 203 f 2, 4:

+ Jeremiana,

" v. marginata, Bergen. - atlas 203 f 13:



- DAVYANA, Grev.-M.J. 1863p.236; Atlas 33fI-3; 152fI7; J.Q.C. 1837p.3; Witt 1838p.16-4fI-3,5,6; LeD.Vol.2p.36-16f9; No.10p.136-19f9; 20f2; DeT.Syll.p.973: *f.2.e.1838p.209-24f61-* (Tricetatum.)
- v. *distant*, Bergon.-LeD.No.10p.137-20f3; DeT.S.p.973: *Atlas 203f5*;
  - v. *intermedia*, Cl.-LeD.Vol.2p.36-16f3,4; No.10p.138-20f9; 18f3,4; DeT.Syll.p.979: (Var. *propinqua*, forma *biangulata*.)----
  - Atlas 203f7,11*;
  - v. *conspicua*, Bergon.-LeD.No.10p.139-20f3; DeT.S.p.979;
  - v. *distant*, forma *biangulata*, Berg.-LeD.No.10p.137-20f4,5; (Heibergeria *Barbadensis*.)----
  - v. *propinqua*, DeT.Syll.p.973; LeD.No.10p.133-20f6; (Bergon).-
  - v. " forma *biangulata*, DeT.Syll.p.973; LeD.No.10p.133-20f7,8; (Bergon).
  - v. *trigemma*, Bergon.-LeD.No.10p.139-20f10-12; DeT.S.p.973: *Atlas 203f16*.
  - v. *pentagona*, (E. *Jeremiana*, v. *interm.*)
  - v. *quadrata*, Witt 1838p.16-4f7; (E. *Jeremiana*.)
  - var., J.Q.C. 1837p.3; DeT.Syll.p.933: (T. *Morlandii*, v.)----
- DIVERGENS, Bergon.-LeD.Vol.1p.3-1f6; 2p. -16f6; No.10p.143-21f14; DeT.S.p.932: *Atlas 203f8*;
- ELEGANS, Grev.-~~M.S.~~ 1865p.33-4fI9; LeD.No.10p.145-21f12; DeT.S.p.932;
- + FORMOSA, Bergon.-LeD.No.10p.146-21f13; DeT.S.p.932: -(E. *punctulata*, f.p.)
- FURCATA, Brun, 1891p.26-11f7: (E. *variegata*, var., & *gratiosa*.)
- GRATIOSA, Grev.-M.J. 1863p.235; LeD.No.10p.132-19f6,7; (E. *furcata*; -Tric.)- DeT.Syll.p.973: *Atlas 203f14; 204f2*
- var., A.S., Atlas 33f3: (E. *Temperlei*, v.)
- INOPINATA, Grev.-M.J. 1863p.235; V. & S. p.1. 112f4; LeD.No.10p.134-19f13; DeT.Syll.p.977: (Tric.)-
- forma *linearis*, Bergon.-LeD.No.10p.135-19f14; DeT.S.p.977: *Atlas 203f1*.
- + JEREMIANA, Cl.-LeD.Vol.2p.90-16f7; No.10p.140-20f14; DeT.S.p.979: (E. *Davyana*, v.) *Atlas 203f1,3*;
- forma *pentagona*, Bergon.-LeD.No.10p.140-20f15; DeT.S.p.979: (E. *Davyana*, var.)--
- LETOURNEURI, Bergon.-LeD.No.10p.130-19f2; DeT.S.p.975;
- MARGINATA, Grev.-M.J. 1863p.236; Atlas 33f6; W. & C. 2p.3-3fI; Jour.N. Y. Mic.S. 1836p.110-4f2,2a: (E. *pulcherrima*, v. & Tric.)
- PULCHERRIMA, Grev.-M.J. 1863p.237-10f24; Witt 1838p.16-4f4; LeD.Vol. 2p.35-16fI,2,3; No.10p.143-21f5,6; DeT.S.p.931: *Atlas 203f9; 204f1*.
- v. *marginata*, Btw.-LeD.No.10p.144-21f3,9; DeT.S.p.931: -(E. & Tric. *marginata*.)---
  - v. *punctulata*, Grev.-LeD.No.10p.145-21f10,11; DeT.S.p.931: (E. *punctulata*, f.p.) *Atlas 203f17*;
- PUNCTULATA, Grev.-T.M.S. 1864p.35-10f5: -(E. *formosa* & *pulcherrima*.)
- SARAOVIANA, Pant. 2p.91-3f105; DeT.S.p.933: -(Tric. *polycystum*, m.)----
- TEMPEREI, Bergon.-LeD.No.10p.131-19f3,4; DeT.Syll.p.975;
- v. *intermedia*, Berg.-LeD.No.10p.132-19f5; DeT.S.p.975: -(E. *gratiosa*, v.)
- TRUANI, Pant. 2p.97-13f223; DeT.S.p.973: -(Tric. *squamiferum*.)
- TRIPODIFORMIS, Berg.-LeD.No.10p.142-21f4; DeT.S.p.930: *Atlas* (E. *amabilis*, v.: -E. *Davyana*, v.: -E. *variegata*, v.)



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- FABA, K.B.p. 36-5f21; Prit. 1. 760: Nylander, w.: -(E. fabulata; -Emotia.)
- GIBBA, E.-K.B. 1. 35-4f22; K.S.A. 1. 3; A.M.M. 1. 1347, 1344-228, f1, 2: R.S.  
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- v. ventricosa, Grun. 1362p. 327; 1373p. 7; Italy; Brin. Alp. p. 45-2f15;  
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- GIBBERULA, E.-K.B. 1. 35-29f54; 30f3; K.S.A. 1. 3; R.S. 1. 19-1f14; S.B.  
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 (Cystopl.: -E. alpestris & sorex; -Emotia g. & tetricula.) ---
- v. minita, Hantz. -Rab. E.D. p. 66: (E. & Cyst. minita.) --
- v. minutula, Delogne;
- v. perlonga, Pant. 2, p. 60; 3p. -10f175: (Cystopl.) -
- v. producta, Grun. 1362p. 330-3f9; V.H.S.p. 140-32f11-13; Malaisie;  
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- v. protracta, Pant. 1p. -10f36; 2, p. 60, -2f127 -Cystopl.)
- v. quinquecostata, Rabh. E.D. p. 66: -(E. 5-costata; -Cystopl.) -
- v. rupestris, Rabh. E.D. p. 66: (E. rup.: -Cystopl.) --
- GLOBIFERA, Heib. p. 103-6f22; Kinnord: (Cystoplenia.) -
- GOEPPERTIANA, Hilse, 1360p. 79; Heaw. Vol. 5 pl. 1; Rab. Alp. E. No. 1021:  
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- GRANULATA, K.B.p. 35-5f20; K.S.A. 1. 4; S.B.C. 1. 12-1f3; Prit. 1. 761-9f  
 155; Heib. p. 103; Grun. 1362p. 326; Mill: Schum. 1364p. 16; Weiss: 1364p.  
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- v. Rabenhorstii, Wurm. -Rabh. Alp. 1033; R.E.D. p. 63;
- HELLENICA, Ralfs, Prit. p. 760: (Cystopl. argus; -Emotia.)





- HYNDMANNII, W.S.-A.M.N. 1. 1350p. 124; S.B.D. Ip. 12-111; Prit. p. 760; R.E. 0. p. 33; Hull; Schum. 1357. **51**; Rab. Alg. No. 1503; Grm. 1352p. 324; Carr. p. 76; Nylander, w.: Cl. 1353p. 235; Italy; Flore, Baltic; V. i. S. p. 135-31f3, 4; 1.252; Kinnora; M.T.P. I-1-6; Wollé pl. 35f6, 7; J.R.M.S. 1391, p. 442-3f4; Malaisie; Herib. p. 125; *Talsta* p. 434; (E. perlonga; -Cystopleura.)----
- v. curta, Per. & Herib. p. 125-3f17; (Cystop. l.)
- INFLEXA, Pant. 2p. 60-7f125;
- INCISA, Pant. 3p. -33f533;
- INTERMEDIA, Hilse, 1360p. 70; Bleisch, 1333; Dannf. p. 13; (E. & Cystopl. argus.)----
- KURZEANA, Rabh. Diat. Exs. No. 27; (Cystopleura.)
- LIBRILIS, K.B. p. 35-29f45; K.S.A. p. 3; R.S.D. p. 13-1f31; Gallia, Papar; Prit. p. 761-12f24, 25; Schum. 1364p. 16-2f1; (Cyst. turgida, v.: -E. granulata; -Eunotia.)----
- LINDIGII, Rabh. S.D. p. 19-1f20; R.E.D. p. 33; Prit. p. 732; (Cystop.)-
- LONGICORNIS, W.S. S.B.D. Ip. 13-30f247; Prit. 1352p. 1.24f3-3; 1360p. 730-15f3-9; Carr. p. **76**; R.E.D. p. 37; Italy; Malaisie; *J.R.M.S. 1891p. 441*; (Cystopleura & E. argus, var.: -Eunotia.)-
- MANIPULIFERA, Cramer, 1333; (Eunotia Mosis?)----
- MARGARITIFERA, Rab. S.D. p. 17-1f32; Prit. p. 760; R.E.D. p. 33; (Cystop.)
- MARINA, Donk. -1. M.S. 1353p. 29-3f14; Prit. p. 761; Italy; Carr. p. 75; R. E.D. p. 65; Hull; Wollé pl. 22f23, 24; (Eunotia; -Hantzschia.) <sup>mut</sup>----
- MESOGONGYLA, Ralfs, Prit. p. 732; (Eunotia & Cystop. turgida.)---
- MESOLEPTA, Ralfs, Prit. p. 732; (Cystop. & Eunotia turgida.)-
- MINUTA, Hantzsch, Rabh. Alg. Eur. sub No. 1501; (Cyst. pinberula, var.)
- MONILIFERA, Petit Cat. p. 20-1f40; Heuw. 1373p. 120; Fort. Coy. p. 25; J.R.M.S. 1373p. 241-14f10; (Amphora: -Cystopleura.)
- MULTICOSTATA, Pant. 2p. 60-7f135; (Cyst.)
- MUSCULUS, K.B. p. 33-30f6; K.S.A. p. 1; S.B.D. Ip. 14-1f10; Prit. p. 760-13f 13; Heib. p. 104; N. & R.S. p. 70; Carr. p. 76; Breb. Verm. p. 3, f11; R.E.D. p. 33; Italy; Roper, Thames; New Zealand; Grm. 1352p. 331; Rab. Alg. sub Nos. 1043, 1432; Cl. 1363p. 235; Vega p. 493; 1391p. 55; M.T.P. I-1-16; V. H.S. p. 140-32f14, 15; Petit Cat. p. 20; Lagr. 1373p. 22; Shark River; Sm. S. 1. 151; Dannf. p. 13; Perat. p. 157; Malaisie; Wollé pls. 35f13, 19; 30f 27; (Cystopleura; -Eunotia sphaerula.)
- v. constricta, Breb. -V. i. S. p. 140; 1.251; (E. & Cystop. const.)
- OCELLATA, K.B. p. 34-29f57; K.S.A. p. 3; R.S.D. p. 19-1f25; S.B.D. Ip. 13-113; Prit. p. 760; Grm. 1352p. 330; Mill; Italy; Schum. 1352p. 133-3f6; R.E.D. p. 33; Carr. p. 76; Petit & Lend.; M.T.P. I-1-19; Bleisch, 1333; Malaisie; Brun Alp p. 47-2f12; Kinnora; Wollé pl. 35f22, 23; Bellac, Lichen; Herib. p. 130; (Cystop. l.: -E. proboscidea; -Eunotia o. & texturata.)
- OTRANTINA, Rab. S.D. p. 19-1f29; (Cystop.: -E. alpestris & Australis.)
- PERLONGA, Pant. 3p. -13f326, 33; (E. Hyndmannii.)
- PETHOI, Pant. 2, p. 60: 3p. -42f572; (Cystopleura.)-
- PICTUM, Breb. Cons. p. 16; (Fistulia.)-
- PORCELLUS, K.B. p. 34-5f13, 19; K.S.A. p. 2; Italy; Prit. p. 761-13f12; R. E.D. p. 65; Grm. 1352p. 323-3f3; Strose, Kleiken; Dannf. p. 13; (E. & Cystopl. zebra, var.)

Sorex,

" var.  $\beta$ , Briss. Alpes p. 44; (Cotes françaises parallèles.)

- PROBOSCIDEA, K.B.p.35-5f3; K.S.A.p.3; S.B.D.Ip.13-1f3; Prit.p.731:  
Italy: Grun.1332p.329-4f5; Hull: Cl.1333p.235; R.E.D.p.55: Vinnora;  
Dannf.p.13; Parag.p.57: *Tolsta p.435*:  
(*E.ocellata* & *Smithii*; -*E.* & *Cystopleura zebra*, v.)--
- QUINQUECOSTATA, Rab.S.D.p.13-1f35; Prit.p.730: (E.gibberula, var.)--
- RADULA, Breb.-Rab.E.D.p.35: (*Antschu* *E.marina*.)----
- RETICULATA, Nagel.-K.S.A.p.330; R.S.D.p.13; Prit.p.760: R.E.D.p.55;  
(*E.* & *Cystopl. argis*.)----
- RUPESTRIS, S.B.D.Ip.14-1f12; Braemar; Prit.p.730; Grun.1332p.331;  
Carr.p.73; Dannf.p.13; Sm.Sp.1.152: (E.gibba, v., & *westerni*.)---  
Herib.p.130: *Tolsta p.435*:
- SALINA, Pant.2p.31-3f11; 7-131: (Cystopleura.)--  
" v.nada, Pant.2p.31-3f117: "
- SANCTI-ANTONI, Ralfe, Prit.pp.732, 933:  
(*Denticula lanta*; -*Eunotia* & *E. beatorum*.)----
- SAXONICA, K.B.p.35-5f15; K.S.A.p.3; R.S.D.p.13-1f9; Prit.p.731; Grun.  
1332p.323-3f3; Schum.4.1.p.51; Dannf.p.14; Hoffmann, Marburg; Schoss,  
Kleiken; Spamer, Duren: (E. & *Cystop. zebra*, v.)----
- SCUTELLUM, Breb.Cons.p.13: (Cystopleura.)--
- SMITHII, Carruthers p.73: (E. & *Cystopl. proboscidea*, var.)
- SOREX, K.B.p.33-5f12(5a-e); K.S.A.p.1; R.S.D.p.13-1f7; R.Alg.E.No.  
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23; Grun.1332p.327; 1333p.1; Italy: Roper, Thames; R.E.D.p.64; Schoss,  
Kleiken; Cl.1333p.235; 1334p.6; Vega p.493; 139Ip.55; Malaisie; Sm.  
Sp.1.153; Eiben, 1371; Prollius p.57; M.T.P.1-1-12; Pet.liste p.17;  
Brun Alp p.44-2f13; Vinnora; Gaby Polzei p.15; Dannf.p.13; Hoffmann,  
Marburg; Ebert, Cassel; V.A.S.p.139-32f3-10; 1.259; Lake Michigan;  
Wolle pls.34f13; 35f24, 25; Belloc, Luchon; Gallia, Papan; Delogne; Per.  
p.57; Spamer, Duren; Herib.p.123: *Tolsta p.434 a.c.c. 1895 p.27*:  
> (E.gibberula; -*Cystopleura*; -*Cymbella ventricosa*.)--
- STRIOLATA, Pant.3p. -17f243;
- SUBSALSA, Pant.2p.31-15f230: (Cystopl.)  
" v.validior, Pant.2p.31-13f230: "
- SUCCINCTA, Breb.-J.Q.C.1370p.42-1f7; Sm.Sp.1.154; V.A.S.pl.32f13-13;  
T.230; Italy: Wolle pl.34f12; Parag.p.57; Pant.2p.31; Herib.p.127:  
(*E.constricta*.)----
- TEXTRICULA, K.B.p.35-29f53; K.S.A.p.3; Italy: R.S.D.p.19-1f13;  
Prit.p.731; Wolle pl.35f34: (Eunotia.)--
- TERTIARIA, Pant.3p. -41f557;
- TRANSYLVANICA, Pant.3p.7. -1f16:
- TURGIDA, K.B.p.54-5f14; K.S.A.p.2; R.S.D.p.13-1f11; R.Bac.No.57; R.  
Alg.E.No.1404; S.B.D.Ip.12-1f2; Front.; Mull; Marissal; Braemar; R.  
E.D.p.32, f15; Desmaz.I, No.1451; 2, No.1051; Prit.p.731-4f1; 9f153-131;  
11f1-3; Heib.p.103; Weisse 1334p.107-1f3; Schum.4.1.p.51; 1334p.13;  
Grun.1332p.324-6f2; 1333p.1; 1334p.43-2f1; Italy: Pfitzer p.33-4f10;  
Prollius p.57; Eul.Sp.1.33; Bleisch, 1333; New Zealand; Roper, Thames;  
Girard Boss.p.12-2f17; 13-3f11; Borscow pls.1f13; 2f7; Eaw.N.1.pl.

+ turgida. — Carp. 1891 p. 529 f 397.

+ Zeura, E. —

|| v. bidens, a. cl. 1895 p. 27:

2f26; Cl. 1363p. 234; 139Ip. 55; Delogne; Sm. Sp. 1. 155; Macdonald p. 1. 10f I; Tanaren 1379p. 45, f3, 23; Stosse, Kleiken; Kinnora; Lagr. 1376p. 2f; M.T.P. I-I-I, 2, 3; Cl. & M. 45; Petit & Leud.; liste p. 17; Pet. 1333p. 4f3; Nylander, W.: Brun Alp. p. 43-2f17; Carr. 1331p. 336, f133; Hoffmann, Marburg; Dannf. p. 17; Lake Michigan; V.H.S. p. 133-31f1, 2: 1.25f; Bell. Lichon p. 45, f5; Spaner, Duren; Gallix, Papan; Lanzi, Tor.; J.R.M.S. 1390, p. 426-7f7; wolle p. 1. 35f10-13; Ebert, Cassel; Gerling p. 1. 1f10; 1216. P. 124: (Frust. Jurgensii & picta.: - Cystop. l.: - Eunotia; - Cymbella t. & picta; - Echinella boscata; - E. adnata & granulata, turgida, vertagus, ne. termanni. A.M.M.J. 1391p. 1. 1f14:

- forma crassa, H. & Per. - Herib. p. 125-3f16;
- v. gracilis, Grun. 1362p. 325-6f1; R.E.D. p. 62;
- v. granulata, Cl. 1363p. 234; Brun Alp p. 44-2f13; V.H.S. p. 133-31f5, 6; Malaisie; Herib. p. 125: - (Eunotia fata, lentic & granulata: (E. picta.)
- v. vertagus, Grun. 1362p. 326; V.H.S. p. 133-31f7; Herib. p. 125: (E. vert.)
- v. westermanni, Grun. 1362p. 325-6f3; V.H.S. p. 133; (E. & Cystop. west.)
- v. zebrina, Rabh. E.D. p. 63: (Ep. zebrina.) -

VENTRICOSA, K.B. p. 35-30f9a, b; K.S.A. p. 4; R.S.D. p. 17-1f22; S.B.D. Ip. 15-1f14; Prit. p. 759; Grun. 1362p. 327; Weisse 1364p. 107-1f5; Mull; R. E.D. p. 64; Weisse 1360p. 338-1f5; Bleisch, 1363; Carr. p. 75; R. Alg. E. No. 1132; Hull: Italy: Eiben, 1371; M.T.P. I-I-II: B.S.B. Vol. 4p. 7-1f5, 4; Sm. Sp. 1. 156; M.M.J. 1373p. 33; Kinnora; Lake Michigan; Hoffmann, Marb.: Spaner, Duren; Ebert, Cassel; Delogne; Perag. p. 57; wolle p. 1. 1f7, 3: (Ep. & Navicula gibba, v.) ----

- v. hungarica, Pant. 3p. -7f114;

VERTAGUS, K.B. p. 36-30f2; K.S.A. p. 4; Prit. p. 761; Grun. 1362p. 326; Carr. p. 76; R.E.D. p. 63; Dannf. p. 17:

(E. adnata & granulata; -E. & Cystop. turgida, v.) ----

VITTATA, Pant. 2p. 61-3f114: (Cystop.) -

WESTERMANNI, K.B. p. 35-5f12(I-4): 3014; K.S.A. p. 2; R.S.D. p. 13-1f10; S. B.D. Ip. 14-1f11; Marissal; Bred. D.O.: weisse 1360, 338-1f17; 1364p. 330-4f7; Prit. p. 760-4f2; 9f157; Italy: Schum. 1364p. 13; New Zealand; R.E. D. p. 63; Hull; M.T.P. I-I-5; Petit, Nomrod; Ebert, Cassel; Sm. Sp. 1. 157; V.H.S. pl. 31f3; Hoffmann, Marburg; Perag. p. 56; Malaisie; Herib. p. 125: (E. & Cystop. turgida, var.; -E. rupestris; -Eunotia; -Navicula.) -

ZEBRA, E.-K.B. p. 34-5f12(3a-c); K.S.A. p. 2; R.S.D. p. 13-1f3; S.B.D. Ip. 12-1f4; Marissal; Mull; R. Alg. E. No. 1006; Prit. p. 761; Grun. 1362p. 323; 1373p. 7; 1364p. 43-2f2; R. Bac. No. 40"b": R.E. D. p. 63; Cl. 1363p. 1; weisse 1360p. 338-1f5; 1364p. 330-4f3; Bleisch, 1363; New Zealand; Nylander, W.: Hull: Eiben, 1371; Italy: Dannf. p. 17; Kinnora; Sm. Sp. 1. 153; Gallix, Papan; M.T.P. I-I-7, 3; Bellon, Lichon; Cl. & M. No. 44; Brun Alp p. 45-2f16; 9f22; Mobile; Pet. liste p. 17; P. & Leud.; Pet. Minna; Tanaren 279, p. 45, f4, 24; Cl. 1363p. 10; 139Ip. 55; Vega p. 491; Hoffmann, Marburg; V. H.S. p. 140-31f9, 11-14; 1.25f; Spaner, Duren; Perag. p. 57; wolle p. 1. 33f 31, 32; 35f29-33; Stosse, Kleiken; Herib. p. 127; Q. Cl. 1391p. 1. 1f14: (Cymbella; -Cymbella, E., & Frust. adnata; -Eunotia; -Cystop. l.: -Navicula.) --

- forma curta, H. & Per. - Herib. p. 129;
- v. intermedia, warden. - R. Alg. E. 1039 sub; R.E.D. p. 65: - (E. inter.)

groenlandica, Cl. R. S. A. C. Rp. 1896 (3). K. 4 p. 10-2 f 10: Cl. 1897 p. 23:

Sm. Sp. T. # 653: Det. S. p. 983: Cl. 1897 p. 23:

K. S. A. p. 191: S. B. D. 2 p. 25 pls. 35, 60 f 299: Pr. 4. p. 937-2 f 43:

E. K. v. p. 71-4 f 8: K. B. p. 143-21 f 21:

Zodiaceus, }  
G.

qn. 1862 p. 355: m. d. p. 415 10: R. E. S. p. 324, f 93: V. H. S. p. 203-95 (2) f 1, 2, 17, 18

|| var. cornigera, G. - V. H. S. pl. 95 (2) f 3, 4: -

- 
- v. longicornis, H. & Per. - Herib. p. 123-3f14; a. cl. 1895 p. 27;
  - v. longissima, H. & Per. - Herib. p. 123-3f13; a. cl. 1895 p. 27
  - v. minor, H. & Per. - Herib. p. 129;
  - v. porcellus, Grun. 1362p. 323-3f3, 4; (Ep. porc.)
  - v. proboscidea, Grun. 1362p. 329-3f5; V. H. S. p. 139-3f10; T. No. 254; Herib. p. 123; (Ep. probosc.)
  - v. Saxonica, Grun. 1362p. 323-3f6; Rabh. Alg. Eur. No. 422; R. E. D. p. 65; (Ep. Sax.) -
  - v. undulata, H. & Per. - Herib. p. 129-3f15;
- ZEBRINA, K. B. p. 34; K. S. A. p. 2; R. S. D. p. 13; Prit. p. 761; Schum. 4. 7. p. 51; 1362p. 133-1f2; Ebert, Cassel; Hoffmann, Marburg; Pant. 3p. -26f 385; (Cystopleura & Ep. turgida, v.: -Eunotia.) -

ETHMODISCUS. --- (Castr., 1887.)

- , Castr. 1337p. 170-14f4a-c; Atlantic City: - (Coscinodiscus Gazellae.) --
- CARINATUS, Pant. 3p. -29f430; Det. Syll. p. 1310;
- CONVEXUS, Castr. 1337p. 163-3f9; (Coscinod. profundus.)
- CORONATUS, Castr. 1337p. 163-22f7; Notar. 1339p. 755; Det. Syll. p. 1309;
- var., Castr. 1337p. 163-12f7, 13;
- DIADEMA, Castr. 1337p. 169-13f1; Notar. 1339p. 755; Det. S. p. 1310;
- GIGAS, Castr. 1337p. 169-14f5; (Antellminellia; -Coscin. Gazellae.) -
- HUMILIS, Castr. 1337p. 163-17f4; Notar. 1339p. 756; Det. S. p. 1310;
- JAPONICUS, Castr. 1337p. 163-22f2; Notar. 1339p. 755; Det. S. p. 1310;
- var., Castr. 1337p. 163-16f1;
- OBOVATUS, Castr. 1337p. 169-17f5; Notar. 1339p. 756; Det. S. p. 1310;
- PERICANTINUS, Castr. 1337p. 169-22f3; Notar. 1339p. 755; Det. S. p. 1309;
- PUNCTIGER, Castr. 1337p. 167-3f1; Notar. 1339p. 756; Det. S. p. 1309;
- RADIATUS, Castr. 1337p. 167-12f9; Notar. 1339p. 755; Det. S. p. 1309;
- RUSSICUS, Pant. 2p. 31; 3p. -34f434, 433; Det. Syll. p. 1310;
- STELLIFER, Pant. 3p. -27f397; Det. S. p. 1310;
- SPHAEROIDALIS, Castr. 1337p. 170-22f10; (Cosc. Gazellae.) ----
- TYMPANUM, Castr. 1337p. 170-14f3; (Cosc. Gazellae.) ----
- VITRIFICIES, Brun & Temp. p. 37-3f11; (Pantocsekia clivosa.) ----
- WYVILLEANUS, Castr. 1337p. 170-14f6; (Cosc. Gazellae.) ----

EUCAMPIA. ----- (Ehrh., 1839.) -

- BALAUSTIUM, Castr. 1337p. 97-13f5; Notar. 1339p. 757; Det. Syll. p. 934;
- v. minor, Castr. 1337p. 93-13f6; Det. S. p. 934;
- BRITANNICA, S. B. D. 2p. 25-3f373; Prit. p. 937; Grun. 1362p. 355; Call. p. 116; R. E. D. p. 324; Det. S. p. 934;
- CORNUTA, V. H. S. pl. 95(2)f5; Cl. 1877 p. 23; (M. zodiacus.) ---
- NODOSA, Palmer. - J. R. M. S. 1330p. 335; Atlas 141f23; (M. zodiacus.) ---
- PAYERI, Grun. 1334p. 55-2f17a-c; Cl. Vega p. 436; Det. S. p. 934;
- STRIATA, Stelterfoth. - J. R. M. S. 1330p. 335 cum icone; Det. Syll. p. 934; (Rhizosolenia.) ----
- v. maxima, Stelt. - J. R. M. S. 1330p. 335 cum icone;
- VIRGINICA, V. H. S. pl. 95(2)f6; Atlantic City; Wall. pl. 63f32; Det. Syll. p. 934;

Eucoccooneis.

A. G. Cleve Nov. 2 (1893) p. 173: -

x Arcus. Oestrup 1891 p. 336: 1.



A Subgenus of Ceratoneis: --- Vide Grunow, 1865: 7.

EUMERIDION. ---- (Kütz., 1844)

CONSTRICUM, K.B.p.42-29f8I; Meneg.A.N.D.p.373: K.S.A.p.II: -(Meridion)

EUNOTIA. ---- (Ehr., 1837) --

O.f.m. 518586

-, A.J.S.Vol.35, pl.2f9: -(E. ~~bidens~~.)

Meneg.A.N.D.p.373:

-, A.J.S.Vol.4I, I342p.100-2f27: -(E.gibba.) Tanarek I379p.46:

-, Hedw.Vol.2p.43-7fI6, I7: -, Dippel I370p.10-I fI2:

-, E., Mik.pls.8-3fI5: -(Amphora): --, I3-2f2Ia, b: -(E.pectinalis.) --

-, I6-3fI0: -(E.pectinalis.) 38A-I5f4: -(E.argus, var.?)

ALPINA, K.B.p.36-3fI0; K.S.A.p.5; R.S.D.p.I5-I fI2; Prit.p.753: Schum.

H.T.p.5I; -(Himantidium Halcyonellae: ) R.S.D.p.69:

ALPINA, Grun. I352p.332: Cl. & M.No.159; Italy: Del.S.p.797: -(E. monod., v.

AMERICANA, K. & S.-T.B.C.Vol.15p.209-93fI; Wolke 76fI2: Del.S.p.793:

AMPHIDICRANON, E.-Abh.Ber.I345p.77: Mg.pl.33-I2fI4; K.S.A.p.5; Prit.

p.764; Del.Syll.p.304;

AMPHILEPTA, E.-Abh.Ber.I345p.363; Mg.pl.34-3f4; K.S.A.p.5:

R.S.D.p.I6:

(Nitzschia.) ----

AMPHIOXYS, E.-Amer.p.I25, pls.I-I fI2; I-3f3; 2-3f2; 3-4f0; 4-

5f7; Mg.pls.2-3f2I; 3-3fI0; 5-I f9a; I4f35; I5A, f69; 34-Ia, fI; 34-2f

3; 34-Ib, f4; 34-3a, fI; 34-3b, f2; 34-3f5; 34-I fIc, fI; 35A-Ia, fI; 35B-

Ia, fI; 35B-2a, fI; 38A-7fIb; 38A-7f3; 38A-4a, f2, 3; 38A-I7fI2; 38A-20f

5b; 38A-I5f3; 38A-2f5, 7; 39-I f29, 30; 39-2f2b, 9a, 3b, I0f, I3a, I4a; 39-

3f3I-33; Nord.p. -2f9; Abh.Ber.I369p.1.2-I fI; I37Ipls.Ia, f7; Ib, f2I;

K.B.p.36-29f44; 30fI; K.S.A.p.4; Mathieu; A.J.S.I35I, f23-32; Weisse

I35Ip.273-I f3; I360p.353-I f3; Gu.p.303-2f35; R.S.D.p.I5-I fI; Ebert,

Cassel; Prollius p.57; Hoffmann, Marburg; Spamer, Garen:

(Frustulia scaphidium: -Hantzschia; -Nitzschia.) ---

var. "a" vulgaris, E., Mik.pp.94, I2I:

var. "b" ampla, E., Mik.pp.94, I2I:

var. "g" rostrata, E., Mik.pp.94, I2I:

v. hybrida, E.-Mik.p. -34f4:

v. tenella, E.-Mik.p. -34f5, 6;

AMPHYRRHAMPUS, E.-Abh.B.I36Ip.295: Del.Syll.p.306:

ANISODON, L.W.Bailey-B.O.N.A.I362p.336-I f26; Del.S.p.307:

APICULATA, E.-Prit.p.764; Del.S.p.307:

ARAUCAIAE, E.-Mik.p.296: Prit.p.764; Del.S.p.305;

ARCUS, E., Inf.p.I3I-2fI2; Mg.pls.I5-I f24, 25; I6-2f33; I7-2f24; Abh.

B.I369p.1.2-I f9; A.J.S.I342p.100-2f23; Cass. Al. p.4I3-97f5; Braemar;

Carr.p.76; Hedw.Vol.5p.42-7fI3, I4; Grun.I353p.2: Italy: R.E.D.p.7I;

Cl.I330p.109; I39Ip.56; Nares; Mobile; V.H.S.p.I4I-34f2; Del.Syll.

p.790; Herib.p.I30: A.C.L. 1895p.32; (Ceratoneis; -Cymbella; -E.

curta; -Toxosira strumilosa; -Himantidium attenuatum, Halcyonellae & a.) ---

v. attenuata, Rabh.E.D.p.72: (Himantidium a.) ---

v. bidens, Grun., V.H.S.p.I42-34f7; Del.S.p.79I; Herib.p.I30;

v. curta, V.H.Type No.268:

v. Groenlandica, Cl.I38Ip.3:

Agave, A. J. S. 1835p. 119-259%

+ videns, Edm. pl. 2-25316:

+ bigibba, K. ~

"v. pumila, Gr. - V.H.S. pl. 34 f 27:

"v. Herkiniensis, Gr. - V.H.S. pl. 35 f 14: - (E. bigibba, var.?)

- v. *hybrida*, Grun.-V.H.S.pl.34f4; Herib.p.130; *Pale L. Cap Ho*  
 v. *incisa*, Kinnora;  
 v. *major*, Brun.-Petit 133pl. 4f17; (Mimantia.R.)----  
 v. *minor*, Grun.-V.H.S.p.142-34f3; Det.Syll.p.791:  
 v. *tenella*, Grun.-V.H.S.pl.34f5, 3;  
 v. *uncinata*, Grun.-Grun., V.H.S.p.142-34f13; Det.S.p.791: (E. *uncinata*.)--  
 ARCUS, S.B.O. Ip.15-2f15: (Navicula.)--  
 ARGUS, E.-Amer.p.125, pls.2-3f33: 3-4f7; Mg.pls.15A, f69a-c; 33-1f14;  
 39-1f21; 39-3f33; Abh.B.1370pl.2-1f53; 1371pls.1b, f24; 1c, f4; 1a, f  
 3, 7: A.S.S.1351, f4: (Cystopleura; -Epithemia; -E. *texturata*.)-  
 AURICULATA, Grun.-V.H.S.pl.33f15; Det.S.p.397:  
 AUSTRALIS, E.-Mik.p.112; Prit.p.764; Det.S.p.306:  
 BACTRIANA, E.-Mik.pls.16-1f29, 30; 16-2f19; Prit.p.763; Lewis W.M.D.  
 p.13-2f13; Grun.1332p.333; Sci.Gos.1367p.157, f133; V.H.S.pl.34f32;  
 Wolle pl.33f10; Det.S.p.793:  
 BEATORUM, E.-Mik.pl.34-5b, f3:  
 (Denticula *laeta*; -Epithemia b. & Sancti-Antoni.)--  
 BICAPITATA, Grun.-V.H.S.p.145-35f11; Paragallo p.71:  
 (E. *flexuosa*, var., & *biceps*.)--  
 BICEPS, E.-Amer.p.125, pl.1-1f24; Mg.pls.2-3f13; 3-1f12; 3-2f12;  
 5-2f7; 5-3f33; 15B, f20; 17-1f25a; 33-3f2; 35A-3f4; Abh.B.1339pls.1a,  
 f7; "H" f1; K.B.p.37-29f35; K.S.A.p.6; Prit.p.763; Nylandt, w.: Wolle  
 pl.33f23: (Ceratonis; -E. *bicapitata*,  
 major & minor; -Exilaria; -Mimantidium; -Synedra b., & *flexuosa*.)----  
 BICORNIS, E.-Abh.Ber.1339p.30; Mik.p.10: Det.Syll.p.306:  
 BIDENS, E.-Amer.p.129; Mg.pl.2-1f12; A.S.S.1333pl.2f9; K.S.A.p.37; K.S.  
 A.p.3; R.S.O.p.17; R.E.D.p.74: (Mimantia: -E. *praerupta*, v., & *bidentata*.)  
 BIDENTULA, S.B.O.2p.35; Prit.p.763; Schum.1.1.1.51-1f1; Gall.1.1.77; R.  
 E.D.p.71; Italy; Grun.1362p.333; Wolle pl.33f9; Cl.1391p.57; Det.  
 Syll.p.300: (E. *camelus*, Grw.)---  
 var., H.V.H.S.pl.34f23;  
 BIGIBBA, K.S.A.p.6; R.S.O.p.17; Q.O.M.S.1354p.95-4f3; Kinnora; Cl.  
 1330p.109; V.H.S.pl.34f26; Malaisia;  
 (E. *Mimantia.bidens*; -E. *praerupta*, v., *calodon* & *Herkinensis*.)----  
 BI-OCTONARIA, E.-Mik.pl.17-1f43; Prit.p.764; R.E.D.p.71: (E. *praerupta*.)  
 BISOCTONARIA, E.-Abh.B.1340p.209; Mg.pl.17-1f43; K.B.p.39:  
 BOREALIS, E.-Mik.p.90; Prit.p.764; Det.S.p.305:  
 BORYANA, Pant.-Detoni, Syll.p.792: (Mimantidium B.)---  
 BREVICORNIS, E.-Abh.B.1345p.333; K.S.A.p.5; Prit.p.764; Det.S.p.306:  
 (E. *praerupta*, v., & *bidentata*.)  
 CAMELUS, E.-Amer.p.125pl.2-1f1; Mik.p.192, pl.39-1f15; K.B.p.37-29f31;  
 K.S.A.p.17; R.S.O.p.17-1f3; A.S.S.1355p.43, 254-4f1; 9f1; M.S.1354  
 p.100-4f13; Prit.p.764; Lewis, W.M.D.p.13-2f12; Schum.1.1.1.52-1f2;  
 Grun.1335p.4-1f3a, b; S.Gos.1367p.157, f132; Archa. *Gach*; Amazon;  
 Det.Syll.p.799; Kinnora; (E. *bidentata*, f.p.)---  
 v. *denticulata*, Grun.1335p.4-1f3a; Det.S.p.799: (E. *dentic.*)  
 v. *didymodon*, Grun.1335p.4-1f3c; Det.S.p.799:  
 CARINATA, E.-Mik.p.241; Prit.p.764; Det.Syll.p.306:  
 CINGULATA, E.-Amer.p.126, pl.2-3f34: (Epithemia.)-----

† *Croton* ~~sp.~~ *sp.* - *sp.* 2, 7222 p. 237-17 f 17, 18: - (*Toxarium?*) -

+ *Denticula* ~~sp.~~ *sp.* #

" *v. borealis*, A. C. 1895 p. 29-1 f 33, 34:

" *v. laevis*, A. C. 1895 p. 28:

- CISTULA, E.-Min. pls. 3-If5a-c; 3-2f10; 10-2f13a,b; 12f25; Abh. Ber. 1370p.54; Italy: Del.S. 11.1.307; (Coccinella; -E. lichenaria.)--
- CLEVEI, Grun.-Cl. & M. No. 104; Cl. 1391p.55-3f13-13; Del.S. 1.797;
- COCCONEMA, E.-Min. pl. 34-7fI; Del.S. 1.307; (Epithemia.)-
- COLUMBA, E.-Mg. p. 33 8: ---: Prit. p. 764; Del.S. 1.307;
- COMPTA, E.-Abh. B. 1340p.210; Mg. pl. 3-2f17a,f; Del.S. 1.300; -(E. lichenaria.)
- CORNUTA, E.-Abh. Ber. 1369p.43-2f3"4": Del.S. 1.306;
- CORONA, R.S.D. 1.17-If33; Prit. 1.764; Italy: Grun. 1362p.335; R.E.D. p.70; Del.S. 1.303;
- CREMULATA, Breb.- (E. tridentata?)----
- CRETAE, E.-Abh. Ber. 1344p.3I; Mg. pls. 22f55a,c,56; 33-17f9; Prit. 1.764; (Amphileura; -Coccinella.)----
- CRISTA-GALLI, Cl. 1391p.57-3f12; Del.S. 11.1.300;
- CROCODILUS, E.-Abh. Ber. 1345p.77; K.S.A. p.3; R.S.D. p.10; Grun. 1.31-5a, f4; Prit. 1.763; Grun. 1362p.334; 1333p.2; Del.S. 1.301; -(Ophiodactylus.)-
- CURTA, Grun.-Cl. & M. No. 153; (E. strabus.)--
- CURVA, E.-Min. p.253; Prit. p.764;
- CURVATA, Lagr. 1334p.6I;
- CYGNUS, E.-Abh. B. 1343p.139; 1369pls.1a,f2; 1a,f3; 1371p.10,123; Prit. p.764; Woll. pl.37f5; Del.S. p.306;
- DECAODON, E.-Abh. B. 1340p.15; Mg. pls. 4-If13; 5-3f44; 16-2f29; 17-1f67; A.J.S. 1342p. -2f33; K.B. p.33-5f29; K.S.A. p.3; Prit. p.764; R.E.D. p.70; Woll. pl.36f14; (E. robusta.)---
- DECLIVIS, E., Amer. p.125, pl.2-If3; K.B. p.37-29f62; K.S.A. p.7; R.S.D. p.17-If23; Prit. p.763; Grun. 1362p.333; Amazon; Woll. pl.33f23; Deltoni, Syll. p.300;
- DEMERRARAE, E.- Prit. p.764; Del.S. p.306;
- DEMARIA, E., Min. p.311; Prit. p.764; R.E.D. p.71; (E. lichenaria?)---
- DENTICULATA, Breb.-Rab. E. D. 1.73; Schum. 1.1.1.52-1f1; A.J.S. 1373p. 103; V.H.S. 1.1.33f14; Cl. 1331p.3; 1391p.53; *Rab. Alg. sul. 73:* (E. camelus, v.: -E. pectinatus; -Himantia. pect. & dent.)---
- DEPRESSA, E.-Amer. p.123, pls. 1-4f36; 4-1f12; Mg. pls. 14f139; 15A,f36; 36f-4 Abh. B. 1369pls. 1"8" f3; 2-If3; K.B. p.37-29f39; 30f1a,b; K.S.A. p.5; R.S.D. p.13-1f4; M.O. 1354p.100-4f136; Weiss: 1354p.300-4f11; 10f11; Marburg; Woll. pl.37f3; *Petit, Cap Horn: 39-1f27:* (E. & Himantidium pectinale, var.)--
- DIADEMA, E., Inf. p.193-2f27; Mg. pls. 2-3f23; 5-3f41; 13-If33; 13-2f25; 16-3f17; 17-2f30; 17-If33; 33-3f2; K.B. p.33-5f23; K.S.A. p.7; R.S.D. p.17-If34; Mull; S.B.D. 1p.17-2f20; Prit. p.763; Arenig Bach: Kinnora; R.E.D. p.70; M.T.P. 1-2-3,7; (E. robusta.)---
- DIANA, E., Abh. B. 1340p.14; Mg. pls. 14f65b; 35A-2f9; K.B. p.36; K.S.A. p.5; R.S.D. p.16; (Hantzschia elongata; -Mitschka.)--
- DIDYMA, Grun.-M.T.P. 1-1-25; Cl. & M. 134; Sm. Sp. 1.654; Del.S. p.307;
- DIODON, E., Inf. p.192-2f23; Amer. pl. 2-1f10; Mg. pls. 2-2f31a; 4-1f11; 4-2f25; 5-If3; 15A,f71; 15B,f27; 13-2f13; 17f23b; 17-If23; 17-2f27; 33-3f3; 39-3f27; A.J.S. 1342p.100-2f29; A.V.M. 1.1344p.460-14f12; 1345 p.173-19f2; K.B. p.37-5f24; K.S.A. p.3; 1889. Al. 1.1.4f3-9f10; R.S.D. p.13-If10; Brauer; S.B.D. 1p.13-2f17; R. Bac. ex. 2; Prit. 1.763; Amazon; Grun. 1362p.333-6f11; Schum. 1.1.1.40,51; Nylandt, w.: Mobile; Woll. 1.

+ Diadon, E. - oestrup 1897 p. 336:

" v. minor, Lun. - a. cl. 1895 p. 28:

> falcata, Greg. - T.M.S. 1854 p. 1-5 - (E, falc.)

> Fallax, a. cl. 1895 p. 33-1 f3

+ flexuosa, V.H.S. p. 34 f8, 10:

+ formica, a. cl. 1895 p. 32:

- 36f5, 6, 2I, 22; R.E.D.p. 69f13; Tenarek 1379p. 46, f25A; Malaisia; Det. S.p. 799; Cl. 139Ip. 57; Hoffmann, Marburg; *Tolsta p. 438: a.c. 1895p. 28*; (E. tetradon, var., & bicibba, robusta & pilosa.) -- *V.H.S. pl. 33, f. 56*; v. *diminita*, Grun.-V.H.S. pl. 33f7; *a.c. 1895p. 28*;
- DIZYGA, E., Amer. p. 123, pl. 2-I f3; K.B. p. 33-29f5I; V.S.A. p. 7; R.S.D. p. 17-I f30; Prit. p. 764; B.S.N. 1. 1332p. 333, f27; Wille pl. 33f7; *...*
- DOCEADON, E., Mik. 1. 1-I f20; Prit. p. 764; R.E.D. p. 70; -(E. *...* robusta) ---
- EDULIS, E., Mik. p. 315; Prit. p. 764; Det. S. p. 303;
- EHRENBURGII, Ralfe, Prit. p. 764; Grun. 1332p. 335; Sm. Sp. 7. 355; Det. Syll. p. 303; (Eunotiae, Species Militae.) ---
- v. *quaternaria*, Pant. 3p. -2If3I9;
- ELECTRI, E., Mik. pl. 37-3f3; Det. S. p. 307; -(Cocconera cistilum; -Epithem.)
- ELEPHAS, E., Amer. p. 123, pl. I-4f5; K.B. p. 37-29f34; V.S.A. p. 7; R.S.D. p. 17-I f27; Prit. p. 764; Grun. 1332p. 334; Det. S. p. 301;
- ENNEODON, E., Abh. Ber. 1340p. 15; Mg. pls. 4-I f17; 5-3f43; 16-2f23; 17-I f38; K.B. p. 33; K.S.A. p. 3; Prit. p. 764; Amazon; R.E.D. p. 70; (Himantidium e. & robustum.) ---
- ERUCA, Grev.-M.O. 1359p. 179-9fI; Grun. 1333p. 94; Fortm. Cey. p. 50; Cl. & M. No. 130; (Amphicampa; -E. Sibirica.)
- EURYPTEA, E., Mik. 1356p. 39; Det. Syll. p. 305;
- EXIGUA, Brev.-Rabh. E. D. p. 73; Schum. 1. 1. p. 4f, 52; Sm. Sp. 7. 355; V. H. S. p. 142-34fII; T. No. 270; Cl. 139Ip. 56; Det. Syll. p. 792; Pant. 3p. -4f56; (E. minuta; -Himantidium.)
- var., H.V.H.S. pl. 34f12;
- v. *Nymmanniana*, Cl. 133Ip. 3; (E. Nymman.)
- v. *paludosa*; Cl. 133Ip. 3; *V.H.S. pl. 34f7*; (E. palud.) ---
- v. *perpisilla*, Grun.-V. H. Type No. 39 sub;
- FABA, E., Inf. p. 191-2If2I; Amer. pl. I-I f25; Mg. pls. 3-4f16; 5-3f23; 6-2f26; 12f29; 16-I f26a, b; 16-2f14; 16-3f7; 17-I f24; 17-2f25a, b; V. H. S. p. 143-34f34; Winnora; Cl. 139Ip. 56; Herib. p. 133; (Cystopleria; -Achnanthes inaequalis; -Epithemia; -Himantia Solianolii; -Synsara arcus)
- FALX, Grev.-M.O. 1355p. 33-4fI; S.B.D. 2p. 10f; > 1. M. S. 1351p. 105; (E., Ceratoneis & Pseudo-Eunotia hemicyclis.)
- FLEXUOSA, V.S.A. p. 6; R.S.D. p. 16; Mathier; Petit, 1333; V. H. S. p. 144-35f 9, 10; Herib. p. 133; -(Ceratoneis-E. bicapitata-Synsara biocaps & f.)
- v. *bicapitata*, Grun., V. H. S. p. 133; (E. & Synsara p.) ---
- v. *eurycephala*, Grun., V. H. S. pl. 35f3.
- v. *pachycephala*, Grun.-V. H. S. pl. 35f7; (E. pach.)
- v. *trachytica*, Pant. 3p. -5f30; *15-3f19*;
- FORMICA, E., Amer. p. 123; Mg. pls. 3-4f13; 4-I f13; 35A-3f5; K.B. p. 37; V. S.A. p. 3; Abh. B. 1339pls. Ia, f3; 2-I f12; R.S.D. p. 13; Prit. p. 762; Grun. 1335p. 2-*...* M.T.P. I-I-22; Winnora; Amazon; V.H.S. pl. 34fI; Brun & T. p. 71; Wille pl. 33f20, 21; Lake Michigan; Cl. 139Ip. 56; Det. S. p. 795;
- var. 'a' *elongata*, Grun. 1335p. 3-2f2a, b; Det. S. p. 795;
- var. 'b' *genuina*, Grun. 1335p. 3-I f2e, a; Det. Syll. p. 795;
- var. 'c' *intermedia*, Grun. 1335p. 3-I f2e; Det. S. p. 795;
- var. 'd' *bicibba*, Grun. 1335p. 3-I f2f, c; Det. S. p. 795;

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var. *'e'* pileus, Grun. I335; 3-If2h, i; Det. S. p. 795: (E. pileus.)

var. subnodosa, V.H. Type No. 267:

GANGETICA, E., Mik. p. I23, pl. 35A-9f2; Prit. p. 764; Det. Syll. p. 305;

GIBBA, E. - Amer. pl. 3-If39; Mg. pls. 2-If3; 5-If3a, b; 5-If25a-c; 5-2f10; 9-If23a-c; I2f27; I3-2fI9; I4f33a, b; I3f47a, b; 33-5f5; 33-3f3; 34-5b, f1; 37-If5; 33A-2b, f3, 4; 33A-I4f2; 33A-I7fI5; 39-3f33; Abh. B. I370 pl. 2-If54; A. J. S. I35If37; Weisse I354p. 273-If4c:

(Epithemia; -E. turgida; -Navicula g. & striatula.) --

GIBBERULA, E., Amer. p. I25, pl. 3-4fI3; Mg. pls. 5-2f3; 6-If26a, b, 27; 3-2fI3a-c; 7-IfIIa-c, 26; 9-If30; I3-IfII4, I7; I4f34; I5A, f70; I3-3fI4; 33-34-If4; 33-7f9; 33A-2a, f5; 33A-3f3; 33A-I7fI3; 39-If22, 25; 39-2f39, 40; Abh. B. I369 pls. Ib, fI6; I, f7; I'1" f7; I37I pls. Ia, f6; Ib, f25; A. J. S. I35If33, 34; M. J. I354p. 95-4f2; R. S. D. p. I9-IfI4: (Epithemia.) --

GIBBOSA, Grun. - V. H. S. pl. 35fI3; Wille pl. 33f3; Det. Syll. p. 307: 2

GRACILIS, S. B. D. I. p. I6-30f249; Mull; Braemar; Grun. I332, 335; Schum. 1.

T. p. 53; I367p. 53-If7; Italy; New Zealand; R. E. D. p. 39; Cl. I33I p. 6; I39Ip. 56; Kinnord; V. H. S. p. I42-33fI, 2: T. 262; Belloc, Lichen: Perag. p. 7I; Petit, I333: Det. S. p. 793; Herib. p. I3I; *Tolsta p. 436 A. 1799*; (E. exigua, palmosa, uncinata.: -dinantidium.) ---

forma major, H. & Per. - Herib. p. I3I;

v. fossilis, Part. 3p. - 24f369;

v. semimonticulata, Rattr. - Trans. Bot. Soc. Edinb. I333, 437-29f9; Det. Syll. p. 792:

GRAECA, E. - Abh. Ber. I370p. 54, pl. 3-2fII-I4: (Coccinoma.) ---

GRANULATA, E., Inf. p. I9I-2If20b; Pogg. Ann. I333, 220-4f2; A. J. S. I35I, f 25; Mg. pls. 2-2f23; 5-If2; 5-2f5a: 5-3f37; 3-If23a-c; 9-If22a-c; I5A, f6I; I5B, f2I; I4f53a, b; I3-3fII; 33-If5; 33-IfI2; 35A-7f4; 33A-I7fIII; 39-If25; 39-2f2(36); Abh. B. I369 pls. Ia, f4; I'J" fI; I370 pl. 2-If37; (E. 9fI) (Epithemia; -E. tetricula; -Cystoplena; -Navicula.)

GUIANENSIS, E. - Mik. p. 332; Prit. p. 764; Det. S. p. 793: (dinantidium.) ---

HELLENICA, E. - Abh. B. I340p. 2I; Mg. pl. 3-2fI7; Italy: (Epithemia.) ---

HEMICYCLUS, Ralfe, Prit. p. 763; Carr. p. 76; Sci. Gos. I337, I34, fI4; V. H. S. pl. 33f23: (Ceratonis; -E. falx; -Pseudo-Eunotia; -Synsura)

HENDECAODON, E. - Abh. B. I340p. I5; Mg. pls. 4-IfI9; I7-If63; V. B. p. 33; V. S. A. p. 3; Prit. p. 764; Amazon: R. E. D. p. 70: /6-27 (E. 100ista, v.)

HEPTAODON, E. - Abh. B. I340p. I4; Mg. pls. 4-IfI5; I7-If64; V. B. p. 33; V. S. // 27 A. p. 3; Prit. p. 764; Amazon: Wille pl. 23f23; Mg. pl. I5-2f20: (E. 100ista.)

HERKINIENSIS, Grun. - V. A. S. (E. 011ibba, v.?)

HEXAGLYPHIS, E. - Mik. pls. I3-If64; I6-2f24; Prit. p. 764; V. A. S. pl. 34f33: (E. Ehrenbergii & Ehrenbergii.) ---

ICOSODON, E. - Abh. B. I340p. I5; I345p. 77; Mg. pls. I7-If45; 33-If63; V. B. p. 39; V. S. A. p. 3; Prit. p. 764; R. E. D. p. 70: (E. polygon & 100ista.) ---

IMPRESSA, E. - Mik. pls. 2-2f30; 3-4f20; 5-2f3; I4f36; Prit. p. 763; Wille pl. 33f22; Det. Syll. p. 300:

v. angusta, Grun. - V. H. S. pls. 33f22; 35fI; Herib. p. I34: 2

INCISA, Grun. - M. J. I354, 95-4f4; A. M. N. 1. I355, 95; Prit. p. 763; Carr. p. 76; Arenig Bach; Sci. Gos. I337p. I33, fI64; R. E. D. p. 39; Sr. S. p. 7, I39; V. T. P. I-I-2I; Nylander, W.: Petit, I333, -4fI3; V. A. S. pl. 34f35; Wille,

Petit, Cap Horn:

+ major, a. cl. 1895 p. 27: Petit Cap Horn:

" var. Semel constricta, Rathr. - Tolsta p. 436-2958:

" v. ventricosa, a. cl. 1895 p. 27-1 f 37:

+ media, a. cl. 1895 p. 32-1 f 38:

- pl. 33f24; Cl. 139p. 56; Herib. p. 133; (E. v. ... )---  
 " var. "b" Greg.-M. J. 1354p. 95-4f4b; Carr. p. 76; Lewis, w. M. D. 1.  
 13-2f12a; *a. cl. 1895 p. 31*  
 " v. obtusiuscula, Grun.-V. H. S. pl. 34f35b; *a. cl. 1895 p. 31*  
 INDICA, Grun. 1365p. 5-1f7a, b; M. T. P. I-I-3; Del. Syll. p. 795;  
 " var. "b" ventralis, Grun. 1365p. 5-1f7c; Del. S. p. 797;  
 INTERMEDIA, Grun.-Cl. & M. 109 sub; (E. robusta, v.)-  
 JANUARI, E.-Mik. p. 311; Abh. 3. 1359p. 1-6f3; Prit. p. 764; Del. S. p. 305;  
 JAPONICA, Pant. 3p. 7. -2f25;  
 JASTRABENSIS, E.-Mik. pl. 3-1f3a, b; Italy: (Epithemia angulata.)  
 JORDANI, E., Abh. Ber. 1349p. 191; 1370p. 54; Mg. p. 1.47; Del. S. p. 304;  
 KENTUCCENSIS, E.-Mik. 1356p. 69; Del. Syll. p. 305;  
 KURZEANA, Grun.-M. T. P. I-I-26; Cl. & M. No. 129;  
 KURZII, Sm. Sp. T. 657; (E. Kurzeana.)---  
 LAEVIS, E.-Mik. pl. 39-3f41; A. J. S. 1351, f39; -(E. & Himantidium venensis.)-  
 LAPPONICA, Cl. & M. No. 129; *a. cl. 1895 p. 29*  
 LEPTOCAMPA, E.-Abh. B. 1372p. 130; Del. S. p. 306;  
 LEPTOSTOMA, E.-Mik. p. 201; Prit. p. 764; Del. S. p. 306;  
 LEPIDA, E.-Mik. p. 59; Prit. p. 764; Del. Syll. p. 305;  
 LIBRILE, E.-Amer. p. 123, pl. 3-1f33; Mg. pls. 5-2f5b; 37-1f6; 39-3f43;  
 R. S. D. p. 13-1f31; (Epithemia.)  
 LONGICORNIS, E.-Abh. Ber. 1345p. 139; 1370p. 1.2-1f59; 1371p. 1b, f22; Mg.  
 pls. 3-1f4; 3-2f9; 12f22; 39-1f19; 39-2f10a; 39-3f34, 35; 33A-2a, f6;  
 A. J. S. 1351p. 19, f22, 24; (Epithemia.)---  
 LUNA, E.-Abh. B. 1345p. 77; Mg. pls. 15A, f53a, b; 33-12f15; V. S. A. p. 5; Del.  
 S. p. 797; Prit. p. 762;  
 (Cystopleura & Epithemia Hymannii: Pseudo-Eunotia.)-  
 LUNARIS, Breb.-Rab. E. D. p. 69; Cl. & M. 236; 1331p. 6; 1391p. 56; V. I. S. p.  
 144-35f4, 3, 6a; T. 272; Kinnora; Perag. p. 71; Malaisia; Lake Michigan;  
 Bellec, Lichon; Wollé pl. 33f16, 13, 19; Herib. p. 135; *a. cl. 1895 p. 30*;-(Synsarc.)-  
 " v. alpina, Naeg.-Grun., V. I. S. pl. 35f5; (E. alp.)  
 " v. bilunaris, Grun.-V. H. S. p. 144-35f3b; Herib. p. 135;  
 " v. excisa, Grun.-V. H. S. pl. 35f3c; Bellec, Lichon; *a. cl. 1895 p. 31*; 1310p. 1.135;  
 Wollé pl. 33f17; *a. cl. 1895 p. 31*  
 " v. subarcuata, Naeg.-Grun., V. H. S. p. 144-35f2; Herib. p. 135;  
 (E. subarcuata.)--- *a. cl. 1895 p. 30*  
 LUNULA, E., Mik. pls. 33-7f9a; 33-14f3; Del. Syll. p. 305; (Epith.)-  
 MAJOR, Grun. 1365p. 5-1f3; R. E. D. p. 72; Italy; Lake Michigan; V. I. S. p.  
 142-34f14; T. No. 271; Wollé pl. 33f1-4; Kinnora; Cl. 139p. 56; Herib.  
 p. 131; Del. S. p. 791; *Tolsta p. 435*; (E. biceps & monodon; -Himantidium.)-  
 " v. biuens, W. S.-Rab. E. D. p. 72; V. I. S. p. 142-34f15; Herib. p. 113;  
 Wollé pl. 33f14; (Himantid. b.)---  
 " var. sex-undulata, Grun. 1365p. 5;  
 " v. octundulata, Grun. 1365p. 5;  
 MARGARITACEA, E.-Mik. pl. 34-12b, f6;  
 MESOGONGYLA, E.-Mik. pl. 9-1f27; (Cystopleura turgida, v.)  
 MESOLEPTA, E.-Mik. pl. 9-1f26; (Cystopl. turgida, v.)  
 MINIMA, Gutwinski Gallie; 1310p. 1390p. 33-1f50; Notat. 1390p. 139;  
 Del. Syll. p. 798;

monodon,

" v. diodon, Germ. ? - V.N.S. - (E. diodon.)

MINOR, K.-V.H.S. pl. 33f20, 21; Herib. p. 132;

(E. pectinalis, var., & biceps; -Himantidium.)---

MINUTA Hilse 1360p. 79; Rab. Alg. No. 1137; R.E.D. p. 73; Grun. 1363p. 94;

(E. exigua, var.)----

MINUTULA, Grun. 1362p. 336-3f12; R.E.D. p. 70; Del. S. p. 799;

MIRIFICA, E.-Abh. Ber. 1370p. 130;

(Amphicampa.)---

MONODON, E.-Amer. pls. 2-5f7; 3-3f3; Mg. pls. 2-2f26; 3-1f13; 4-3f17;

15A, f64; 16-2f16; 16-3f9; 13f70; 33-3f4; 33-10f4; 35B-2f, f3; 36A-1f,

f4; 38A-17f16; 38A-20f4a; 39-3f43, 47; Abh. B. 1370p. 1.2-1f31, 35; 1371,

pl. 1"p" f11; A.J.S. 1342p. 1.2f23; 1351, f27; A.M.N. 1. 1344p. 159-14f1; 1345

p. 173-19f1; Mull; S.B.D. 1p. 16-2f16; Braemar; Amazon; R.E.D. p. 73;

Schum. H.T. p. 51; Kinnora; Amazon; Deby D.T.: V.H.S. pl. 33f3, 4; Brun &

T. p. 71; Atlantic City; Wollé pl. 36f4, 12; Cl. 1391p. 55; 1392p. 103;

(E. alpina, major, & didon, v.: -Himantidium areis & m.)---A.C. 189

v. didon, Herib. p. 133; Grun. ? - V.H.S. - (E. didon)

v. hendecaodon, Herib. p. 133;

v. diadema, Grunow 1363p. 1;

v. minuta, R.E.D. p. 73; Wollé pl. 37f3;

(E. minima.)--

MOSIS, E.-Mik. p. 53; Abh. B. 1370p. 54, pls. 2-1f55; 3-3f7-10; 1371p. -1c,

f13; Prit. p. 764; Wollé pl. 33f30-32; Del. S. p. 804;

MODOSA, E.-Abh. Ber. 1340p. 15; 1370p. 55, pl. 2-1f50-55; Mg. pls. 1-2f26;

1-3f3a, b; 15B, f25; 13f74a, b; Amer. pl. 3-3f4; K.B. p. 37-29f15; K.S.A. p.

5; Prit. p. 762; Calif. p. 73; Grun. 1363p. 1; Amazon; R.E.D. p. 63; Kinnora;

Del. S. p. 796; (E. ventralis; -Navic. gibba; -Himantidium anulat.)

MONARIA, E.-Abh. Ber. 1343p. 47; Prit. p. 764; R.E.D. p. 71; -(E. Ehrenbergii.)

NYMMANNIANA, Grun. -V.H.S. Del. S. p. 807; (E. exigua, v.)<sup>CL. 1895</sup>

OCELLATA, E., Abh. B. 1340p. 15; ~~15: 1340p. 15~~ Amer. pl. 1-3f5a, b;

Mg. pl. 3-2f17c, d;

(Epithemia.)----

OCTODON, E.-Abh. B. 1340p. 15; Mg. pls. 2-2f53; 4-1f16; 5-3f42; 16-2f27;

17-1f35; K.B. p. 33; K.S.A. p. 3; Prit. p. 764; R.E.D. p. 70;

(E. polydon & robusta.)--

OCTONARIA, E.-Mik. pl. 53-10f5; Prit. p. 764; R.E.D. p. 71; -(E. Ehrenbergii.)

PACHYCEPHALA, K.S.A. p. 6; R.S.D. p. 16;

(Ceratonis; -E. & Synedra flexuosa, v.: -Syn. p.)----

PALUDOSA, Grun. 1362p. 336-3f10; Schum. H.T. pp. 41, 53-1f7; R.E.D. p. 69;

Cl. & M. No. 131; Ebert, Cassel; Malaisie; Del. Syll. p.

793; Herib. p. 135;

(E. exigua, var., -136186, var., & 136112.)----

PAPILIO, Grun. 1363p. 94; Cl. 1391p. 57; (E. robusta, v.: -Himantidium.)--

PARADOXA, E.-Mik. p. 12; Prit. p. 764; Del. S. p. 805;

PARALLELA, E., Amer. p. 12; Mg. pls. 2-2f24; 3-2f11; 3-4f15, 10; 4-3f16;

14f53a, b; A.J.S. 1342p. 100, f32; K.B. p. 36; K.S.A. p. 5; R.S.D. p. 16; R.E.

D. p. 72; Grun. 1362p. 332; 1365p. 3-1f3a, b; 1384p. 48-2f11; Mobile; V. 1.

S. pl. 34f16; Cl. 1381p. 6; 1391p. 56; Wollé pl. 33f15; Del. S. p. 796; Herib.

p. 133; A.C. 1895p. 28; Petit, Cap Horn; (Himantidium p. & areis.)-

var. "b" ventralis, Grun. 1365p. 3-1f3c; Del. S. p. 796; (E. ventr.)---

PECTINALIS, Rab. E.D. p. 73; Cl. & M. 234; Socotra; Italy; Petit, 1333; V.

H.S. p. 142-33f15, 16; 1.263; Kinnora; Wollé pl. 33f12, 13; Lake Umb.

Cl. 1391p. 56; Del. S. p. 793; Storse, Kleiken; Herib. p. 132;

(E. depressa & tenuis; -Frag. p., grandia & depressa; -Himantidium.)--

+ pectinalis,

> " v. compacta, a. cl. 1895 p. 30:

+ " var. undulata, Tolsta p. 436:

mitodon, var.  $\beta$ , Gomerarac; - E. Mik. p. 326:

+ Praerupta, a. cl. 1895 p. 33:  
" videns, forma minor, a. cl. 1895 p. 34 f. 22:  
" v. bigibba, Kz. - a. cl. 1895 p. 34:

" f. elongata, a. cl. 1895 p. 34:

- var., V.H.Type No.264;  
*v.bicolorstriata*, Grun.-Cl. & M. 232, 233; V.H.S.pl.33f19; *a.cl. 1895p.31*;  
*v.borealis*, Grun. I384p.43-2f10; Det.Syll.p.793;  
*v.cincta*, V.H.S.p.I43-33f15; wolle pl.33f15, 16;  
*v.elongata*, V.H.S.p.I43-33f16; wolle pl.33f19, 20; A.V.S.I39f1.  
 If13; Herib.p.I32; *a.cl. 1895p.31*;  
*v.fimbr.*, Rabh.E.D.p.74; Ital.; *a.cl. 1895p.31*; -- (E.fimbr.; -Hirantia.)  
*v.Solierolii*, V.H.S.p.I43; (E.3. Hirant. Sol.) ----  
*v.stricta*, Rabh.E.D.p.74; V.H.S.pl.33f16; wolle pl.33f17, 18;  
 Herib.p.I32; *a.cl. 1895p.31*; (E.depressa; -Hirantia.) --  
*v.trachyta*, Pant.3p. -I2f197;  
*v.undulata*, Ralfe.-Grun.I365p.4-If5; R.E.D.p.74; V.H.S.p.I43-33f  
 I7; Petit,I333: T.No.235: Malaisie; Ital.p.I32; (Hirantia.)  
*v.ventricosa*, Grun.-V.H.S.p.I43-33f196; Ital.; Herib.p.I32-3f5;  
 PENIAGLYPHIS, E.-Mik.pls.I3-2f22; I7-If32; Prit.p.764-4f3; Malaisie, w.  
 Lewis W.M.D.p.I3-2f4; wolle pl.33f29; Grun.I362p.333; Cl.I39I.p.57;  
 Det.S.p.793; (E.Hirantia; Ii, p.1: -Hirantia.) --  
 PENIODON, E., Inf.p.I92-2If26; Mg.pls.I3-2f23; I7-If31; W.B.p.33-5f  
 2(27); K.S.A.p.7; Cole, Essex; A.J.S.I342p.I00-2f32; Prit.p.763;  
 R.E.D.p.70; (E.robusta.) ---  
 PERPUSILLA, Grun.-V.H.S.pl.34f31; -(E.tridentula, var?) (E.10f100.) ---  
 PHRYGIA, E.-Mik.p.35; Prit.p.764; Det.Syll.p.305;  
 PILEUS, E.-Amer.pl.2-If5; Mg.pl.39-3f44; Prit.p.764;  
 (E.diodon & formica, var.) ----  
 PLECTRUM, E.-Mik.pl.I3-2f15; Prit.p.765; Grun.I362p.333;  
 Det.Syll.p.793; (Hirantia; Ii, p.1: -Hirantia.) ---  
 POLYDENTULA, Brun.-Petit I333p. -4f19;  
 (Hirantia; -E.3-, 4-, 5-, 6-, 7-, 8-aria.) -  
 POMEROONI, E.-Mik.p.322; Prit.p.764; Det.S.p.305;  
 POLYDON, E., Abh.Ber.I345p.77; Mg.pl.I7-If45; K.S.A.p.3; Prit.p.764;  
 R.E.D.p.70; wolle pl.37f1; (E.10f100.) ---  
 POLYGLYPHIS, Grun., V.H.S.-Det.S.p.307; Ital.p.I34; f. 196;  
*v.hexaglyphis* Grun.-V.H.S.pl.34f33; wolle pl.33f11;  
 PRAERUPTA, E.-Amer.p.I23; Mg.pls.2-2f27; 3-3f9; 3-4f17; 4-4f11; 4-5f  
 I3a, b; 5-If5; I3-If15; Mg.pl. -2f7, 8; W.B.p.33; K.S.A.p.3; R.S.C.  
 I.I6; A.T.P.I-1-24; Cl.I340p.100; I39f.53; V.H.S.p.I43-33f19, 20;  
 Syll.p.795; wolle pl.33f5, 6; Ital.p.I4; (E.10f100; -Hirantia.)  
*v.bidens*, Grun.-V.H.S.p.I43-34f20; Cl.I330p.109; Det.Syll.p.795;  
 Grun.I334p.43-2f12; Det.S.p.795; *a.cl. 1895p.31*; (E.10f100; -Hirantia.)  
*v.bidentata*, Grun.-Cl.I33I.p.3; V.H.S.p.I44; Herib.p.I34; -(E.bid.)  
*v.cincta*, Grun.-Cl.I33I.p.3; V.H.S.pl.34f24; *a.cl. 1895p.31*;  
*QESTrip 1897p.336*;  
*v.inflata*, V.H.S.p.I43-34f17, 18, 23; Herib.p.I34;  
*v.laticaps*, Grun.-Cl.I330p.109; V.H.S.pl.34f25; Det.S.p.795; *a.cl. 1895p.31*;  
 PRIONOTUS, E.-Abh.Ber.I340p.I5; Mg.pl.I7-If41; W.B.p.39; K.S.A.p.3;  
 Prit.p.764; R.E.D.p.70; (E.10f100; -Hirantia.) ---

+ Robusta, Petit, Cap Horn:

" v. papilio, Oestrup 1897 p. 336: Petit, Cap Horn:



- QUATERNARIA, E.-Amer.p.126, pl.2-If15; Mg.pls.35A-2f10; 39-3f43; V.B.  
p.33-29f59; K.S.A.p.7; R.S.D.p.17-If17; A.M.M.1.1355p.47-4f3; S.B.D.  
2p.34; Prit.p.764; Amazon; Schum.4.1.1.52-If3; Grun.1362p.334; Del.  
Syll.p.301; R.E.D.p.71; (E.Ehrenbergii.)---
- QUATUORDENARIA, E.-Mik.pl.33-10f3; Prit.p.764; R.E.D.p.71; -(E.Ehrenbergii.)---
- QUINARIA, E.-Amer.p.126, pls.2-If12; 4-If13; Mg.pl.39-3f49; V.B.p.33-  
5f27(1); 29f53; K.S.A.p.7; R.S.D.p.17-If15; Prit.p.764-12f39; Grun.  
1362p.337-3f14; Amazon; R.E.D.p.71; -(E.pentaglyphis & Ehrenbergii.)--
- QUINDENARIA, E.-Mik.pls.16-1f37; 17-1f42; Prit.p.764; R.E.D.p.71;  
(E.Ehrenbergii.)---
- RABENHORSTII, Cl.& Grn.-V.H.S.pl.35f12;  
" v.monodon, Cl.& Grn.-V.H.S.pl.35f12b; Herib.p.135;  
" v.triodon, Cl.& Grn.-V.H.S.pl.35f12a;
- REGIOMONTANA, Schum.-DeToni, Syll.p.792; (Himantidium.)--
- ROBUSTA, Ralfs, Prit.p.763; Carr.p.77; Grn.1362p.334; Sm.Sp.7.100;  
M.1.P.1-2-3,9; Atlantic City; Cl.133fp.3; 139fp.57; V.H.S.p.144;  
Del.S.p.302; *Cl.1895p.28*: - (Eunotiae, species multae; -himantidium.)-  
" v.diadema, Ralfs, Carr.p.77; Petit 1333p. -4f20; V.H.S.pl.35f12;  
Wolle pl.36f11; A.M.M.1.139fp.1f15; *A.Cl.1895p.28*: (Eu.1.)--  
" v.henaeodon, Ralfs.-Petit, 1333p. : V.H.S.pl.33f13; Wolle  
pl.36f13; *A.Cl.1895p.28*: (Eu.h.)---  
" v.intermedia, Grn.-DeToni, S.p.302; (Eu.int.)--  
" v.papilio, Grn.-V.H.S.pl.33f8; Wolle, 36f10; -(Eu.& Himant.pap.)  
" v.tetradon, Ralfs, Carr.p.77; V.H.S.p.143-33f11; Petit, 1333p. ;  
Wolle pl.36f9; Herib.p.133; *A.Cl.1895p.28*: (Eunot.t.)  
" v.triodon, Carruthers p.77;
- ROSTRATA, E.-Mik.p.59; Del.Syll.p.306;
- SANCTI-ANTONI, E.-Abh.Ber.1354p.223; Mg.pls.33-13f9, 10; 34-5b, f7a, b;  
38A-15f5, 6; Denticula laeta; -Epith.& E.beatorum.)---
- SAVANNAE, E.-Mik.p.332; Prit.p.764; Del.S.p.306;
- SCALARIS, E.-Mik.pl.17-1f44; Prit.p.764; (E.robusta.)-
- SELLA, E.-Amer.p.126, pl.2-1f7; Mg.pl.33-12f17; V.B.p.37-29f50; K.S.A.  
p.7; R.S.D.p.17-1f23; Prit.p.763; Amazon; Wolle pl.23f29;
- SENARIA, E.-Abh.Ber.1343p.3; Prit.p.764; R.E.D.1.71;  
(E.Ehrenbergii & hexaglyphis.)---
- SEPTENA, E.-Amer.p.126, pl.4-2f13; K.B.p.33-29f52; K.S.A.p.3; R.S.D.  
p.17; Prit.p.764; Amazon; S.G.1367p.157, f161; R.E.D.p.71;  
(E.Ehrenb., & septenaria.)---
- SEPTENARIA, E.-Mik.pl.33-10f7; -(E.Ehrenbergii, hexaglyphis, septena.)--
- SERPENTINA, E.-Mik.p.16; Prit.p.764; Del.S.p.305; (Ophiocarpa.)---
- SERRA, E.-Inf.p.193-2f123; Mg.pls.15-1f35a, b; 15-2f31; 17-1f39, 40;  
33-10f3; A.J.S.1342p.100-2f33; K.B.p.39-5f30; K.S.A.p.3; Cole, Essex;  
R.E.D.p.70; Nylander, w.; (E.Ehrenbergii & robusta.)-
- SERRULATA, E.-Mik.pls.4-1f21; 15-1f36; 15-2f32; 17-1f40; Prit.p.764;  
Wolle pl.36f33, 34; (E.robusta.)---
- SIBIRICA, E.-Mik.p.31; Prit.p.764; Cl.1330p.15-7f122; -(E.sericea, v.)---
- SIMA, E.-Abh.B.1345p.77; Mg.pl.33-12f16; K.S.A.p.5; Prit.p.763;  
Grun.1362p.333; Del.Syll.p.797;

> Smecica, a. cl. 1895 p. 29-1 f 31, 32:

1895 p. 29-1 f 29:

- SOLIEROLI, Rabh.E.D.p.74; M.T.P.I-I-27; Kirch.Alg.Schl.p.214; Del.  
Syll.p.793:-(E.pectinalis,v.:Erag.himalis;-Himantia.facta & c.)
- SPHAERULA, E.-Mik.pls.6-If29; 3-If32,b; Abh.B.I370p.55; Weisse Gl.1.  
303-2f36; Del.S.p.304:-(Epith.miscilis;-E.cistula;-Coccodina,rabbin.)
- STRIATA, Rabh.E.D.p.72; Del.Syll.p.794; (Himantia m.)-
- SUBTILIS, E.-Mik.p.II:
- SUBULATA, E.-Abh.B.I349p.33; I370p.53,11.3-2f4; Del.Syll.p.304;
- SUBULIS, E.- : Prit.p.764;
- SYNEDRA, E.-Mik.p.332; Prit.p.764; Del.Syll.p.305;
- TAPACUMAE, E.-Mik.pl.34-5a,f5; Prit.p.763; Grun.I362p.331; Del.S.p.  
300: (Ophiodon, a.)---
- TENELLA, Grun.-Cl.I39Ip.56: a. ee. 1895, ---
- TENUIS, Grun.-Cl. & M.No.I4I: (E.pectinalis,v.)---
- TERRA, E.-R.E.D.p.7I: (E.I2-ventata.)
- TETRAGLYPHIS, E.-Mik.p.I72; Prit.p.764; Del.S.p.305;
- TETRAODON, E.-Inf.1.I92-2f25; 1.11.2-2f32; 2-3f22; 3-4f22; 4-3f21;  
4-2f26; 5-3f40; 16-3f16; 17-If30; 17-2f29; 18-If32; 33-3f5; A.M.N.1.  
I344p.46I-I4f4; I345p.I74-I9f4; Mass.Alg.p.4I7-97f3; K.B.1.33-5f25;  
Braemar; S.B.D.Ip.I5-2f19; R.Alg.No.I402b; Prit.p.763; M.D.11.I3f3;  
Grun.I362p.337; Amazon; Arenig Bach; R.E.D.p.70; Macdonald pl.Iof2;  
Kinnora; Del.S.p.30I: A.J.S.I342p.I00-2f3I; Cole, Essex; Tolsta p.4  
(E.diadema, diodon, robusta,v., & triodon;-Himant.robustum & t.)-
- TEXTRICULA, E.-Amer.p.I26, pl.3-If40; Mg.pls.5-If3; 6-If23a-c; 9-If29;  
10-2fI3a-c; I2f24; I4f32a,b; I5A,f59; 39-3f45; Weisse I35Ip.278-  
If4a: (Epithemia ocellata & t.:E.argus & granulata.)---
- TRANSYLVANICA, Part.3pZ. -3f36;
- TRIDENARIA, E.-Mik.pl.33-Iof9; Prit.p.764; R.E.D.p.7I:  
Wolle pl.23f30: (E.Ehrenbergii.)
- TRIDENARIA, E.-Mik.pl.35A-5f2;
- TRIDENTULA, E.-Amer.p.I26, pl.2-IfI4; Mg.pls.I5B,f29a,b; 35A-5f2; 39-  
3f5I; K.B.p.33-29f60; K.S.A.p.7; R.S.D.p.I7-IfI6; R.Alg.E.Nos.3I,50,  
I022d; R.Bac.Exs.3I; A.J.S.I35I,f33; A.M.N.1.I353p.47-412: Vol.I3,  
pl.9f2; S.B.D.2p.55; M.J.I356p.I.IfI; Prit.p.764; Grun.I362p.335-3f13;  
Schum.H.T.pp.4I,52-If3; Hoffmann,Marburg; R.E.D.p.70; Petit liste p.  
25; Belloc,Luchon: Perag.p.7I; Spamer,Duren; Wolle pl.33f25,26; Cl.  
I39Ip.57: Del.Syll.pp.30I,305; Herib.1.I34;  
(E.crenulata, Ehrenbergii & perpusilla.)----
- v.bidentula, Heribaud p.I34;
- v.perminuta, Grun.-V.H.S.1.I43-34f29,30; a. ee. 1895, 28
- TRIGLYPHIS, E.-Prit.p.764; (E.triodon,Ralfs.)
- TRIANGULATA, Schum.H.T.p.52-If5;
- TRIODON, E.-Abh.Ber.I337p.45: Inf.1.I92-2If24; Mg.pls.I6-If3I; I6-2f  
20; I7-2f23,29; 33-IofI0,II; 39-If23; 39-3f50; Mass.Alg.p.4I7-97f7;  
A.M.N.1.I344p.46I-I4f3; I345p.I74-I9f3; K.B.1.37-5f25; K.S.A.1.7; S.  
B.D.Ip.I5-2fI6; Prit.I352p.1.3fI64; Braemar; Mill: Prit.p.763-411;  
9fI64; S.G.I367p.I34,fI45; Nylander,w.: Amazon: R.E.D.p.70,74; Sr.  
Sp.7.653; Bail.Struct.p.5I0-I3fII; Mobile; M.T.P.I-2-4; Cl. & M.17;  
V.H.S.p.I44-33f9,10; 1.263; Cl.I33Ip.6; I39Ip.57; Kinnora; Wolle pl.



- 33f7,8; Det.S.p.301: *A. El. 1895 p. 30: Oestrup 1897 p. 336*:  
 (E. robusta, v., & tetradon, v.: -E. dizyga & triodon.)----  
 \* forma robustior, Perty, Kl. Lebens. p. -I7f5: (E. triodon.)  
 TRIODON, Ralfs, -A.M.N.H. Vol. 13, p. -I4f3; (E. triglyphis.)--  
 TSCHIRSCHIANA, O. Muller. 1890 p. 328-19f14-17; Det.S. p. 794. --- (Himantidium.)--  
 TURGIDA, E. -Abh. Ber. 1337 p. 45; Inf. p. 190-I4f5; 2If20a; Amer. p. 1.3-1f5;  
 Mg. pls. 2-If3; 9-If23; Quenett H.C. pl. I2f5; Prit. 1352, l. I4f1-3;  
 (E. gibba; -Frust. Jurgensii & picta; -Navicula *A. & silicula*). --  
 UMBILICATA, E. - ; Prit. p. 764;  
 UNCINATA, E. -Amer. p. 126; Mg. pls. 2-3f20; 15B, f23; 13-3f19; K.B. p.  
 37; K.S.A. p. 6; R.S.D. p. 16; Kinnora; Cl. 1391 p. 6:  
 (E. (& Himantidium) *arcus*, var., & *gracilis*.)--  
 UNDENARIA, E. -Mik. pl. 33-10f12; Prit. p. 764; R.E.D. p. 71; Wollé 33f35;  
 UNDOSA, E. -Abh. Ber. 1370 p. 55; Det. Syll. p. 304;  
 \* v. granulata, E. -Abh. B. 1370 p. 55, pl. 2-1f61;  
 \* v. monodon, E. -Abh. B. 1370 p. 55, pl. 2-1f62;  
 \* v. zebra, E. -Abh. B. 1370 p. 55, pl. 2-1f63;  
 \* v. zebrina, E. -Abh. Ber. 1370 p. 55, pl. 2-1f60:  
 UNDULATA, Ralfs. -Eul. Sp. 1.4I; M.T.P. I-2-1, 2, 3; Kinnora;  
 URALENSIS, E. -Mik. p. 70; Prit. p. 764; Det. S. p. 303:  
 VENERIS, K. -De Toni, Syll. p. 794: (Himantidium.)  
 VENTRALIS, E. -Amer. p. 126; Mg. pls. 1-3f22-24; 2-3f19; 2-2f25; 4-2f21; 5-  
 3f39; 15B, f25; 13-2f17; 13-3f13; 17-1f23; 17-2f23; 33-3f6; 33A-20f  
 36; K.B. p. 37; K.S.A. p. 7; R.S.D. p. 16; Prit. p. 762; Weisse 1364 p. 107-  
 1f2; *Em. p. 1-2 f "A"*; -- (E. nodosa, p. p.: -E. parallela, v., & pectinalis, v.)--  
 VENTRICOSA, Gran. 1355 p. 4-1f4; Nylander, W.: Det. Syll. p. 796;  
 Kinnora; (E. pectinalis, v.)  
 \* v. elongata, Gran. 1355 p. 4; Det. Syll. p. 796;  
 VENTRICULUS, Schum. 1362 p. 134-3f7; Det. S. p. 797:  
 WESTERMANNI, E. -Inf. p. 190-I4f6; Mg. pls. 3-1f16a-d: 3-1f1; 9-1f23;  
 15A, f60, 62; 13-1f13a, b; 13-2f15; 13-3f11: 37-2f4; 37-2f12; 136;  
 (Cystopleura; -Epithemia; -Eu. plectrum; -Frust. picta.)---  
 ZEBRA, E. -Inf. p. 191-I4f7; 2If19; Mg. pls. 6-1f24; 9-1f24, 25; 13-1f12a:  
 14f30; 15A, f33; 17-2f31; 33A-17f14; 39-1f24; Abh. Ber. 1369 pl. 1a, f17; 1c, f11, 17, 18; 1" f13; 1g, f6, 9: (Epithemia.)  
 ZEBRINA, E. -Amer. p. 126; Mg. pls. 1-1f6; 2-2f29; 4-2f23; 5-1f4; 6-1f27;  
 3-1f2a, b; 13-1f12b, c, 16a, b; 13-2f20; 14f57, 61; 15A, f37, 33a; 15B, f  
 22a, b, 26; 13-3f12; 33-1f6, 6x; 33-3f4; 33-7f10; 33-14f7; 35A-7f5; 39-  
 1f23; 39-3f52; Abh. Ber. 1369 pls. 1g, f23; 1c f10, 6; 1i, f4; 1570 pl. 2-1f56;  
 1371 pl. 1c, f5: (Epithemia.)  
 ZYGODON, E., Amer. p. 127, pl. 2-1f6; Mg. pls. 15B, f23; 13-1f12a, b; 17-1f  
 27, 28a, b; K.B. p. 37-29f49; K.S.A. p. 7; R.S.D. p. 17-1f12; Prit. p. 763;  
 Amazon; Nylander, W.: Wollé pl. 33f27, 28; Det. S. p. 303:

EUNOTIOPSIS. --- (Greenow, 1877.)--

JANISCHII, Gran. -Cl. &amp; M. Nos. 64, 257:

(Eudora J.)

7 *bivittatum*, v. *elongata*, Brunn; — ???

- AMPHIOXYS, E.-Abh. Ber. 1355p.302; Det. Syll. p.392: -(Biddulphia lunata.) ---  
 BIVITTATUM, Pant. 1p.43-25f247; J.Q.C. 1337p.77-3f24; Notar. 1333p.530;  
 Det. Syll. p.393: (E. tenuis.)  
 DEBILE, Grun.-V.H.S. pl. 126f17-19; Woll. pl. 35f16: Det. S. p.393;  
 (Anaulus.)  
 ELONGATUM, E.-Abh. Ber. 1355p.302; Det. Syll. p.393;  
 FRAUENFELDII, Grun.-V.H.S. pl. 126f14; Det. S. p.392: (Euodia.)  
 LAEVE, Grun.-Cl. & M. No. 257; Fortm. Cey. pl. 9f93-95; V.H.S. pl. 126f3, 7,  
 9, 15; Cl. Vega p.503; Woll. pl. 35f17-19; Det. S. p.392: -(Biddulphia lunata.) ---  
 NOVENLOCULATUM, Weiss 1354p. -2f37d,h; Prit. p.350: -(E. variab., var.)  
 PRODUCTUM, Grun.-V.H.S. pl. 126f5; Atlas 144f12-14;  
 QUINQUELOCULATUM, Weiss 1354p. -2f37b,f,i,k; Prit. p.350-  
 3f30: (E. variabile, var.) ---  
 SEPTEMLOCULATUM, Weiss 1354p. -2f37e,g; Prit. p.350: (E. variab., v.) ---  
 TENUIS, Gro. & St.-Detoni, Syll. p.392: (E. bivittatum.) ---  
 TRILOCULATUM, Weiss 1354p. -2f37a,c; Prit. p.750: -(E. variabile, var.)  
 VARIABLE, Grun.-Witt 1335p.24-3f3,4; Atlas 144f7-10, 15-13, 22-25;  
 Pant. 2p.32: Det. S. p.391: (E. 3 to 9-loc.)  
 \* v. quinquelocularis, Grun.-V.H.S. pl. 126f11, 12: -(E. 5-locular.)  
 \* v. septemlocularis, Grun.-V.H.S. pl. 126f10: -(E. septemloc.) ---  
 WEISSEI, E.-Abh. Ber. 1355p.302; Grun. 1334p.7-2f21,22; Witt 1335p.21-  
 10f7; Atlas 144f38,42,43; Pant. 2p.32; 3p. -22f323; Det. S. p.391:  
 (Bidd. tridentata.) -  
 \* v. producta, Gro. & St.-J.Q.C. 1337p.3-2f6,7; Pant. 2p.32; 3p. -22f  
 332; Atlas 144f40,41; Notar. 1337p.346; Det. S. p.392:

## EUODIA. ----- (Real app. 1854)

- ATLANTICA, Perleb.-Villef. p.72-2f17:  
 BARBADENSIS, Grv.-T.M.S. 1361p.2-3f6,7; R.E.D. p.313; Det. Syll. p.  
 1325; W. & C. 2p.2-4f14;  
 BRIGWELLI, Ralfs.-Prit. p.352; V.H.S. pl. 126f20; Det. S. p.1327:  
 (E. producta; -Triceratium obtusum & semicirculare.) ---  
 CAPILLARIS, Brun 1391p.26-17f4; Det. S. p.1326: (Hemidiscus.) ---  
 CEYLANENSIS, Fortm. Cey. p.62-3f65: (E. gibba.)  
 CHINMOANA, O'M.-M.J. 1369p.201; Det. Syll. p.1327:  
 FRAUENFELDII, Grun. 1363p.158-14f19; 1363p.24; M.T.P. 4-2-2; Cl. & M.  
 61; Sm. Sp. T. 659: -(Eunotogramma; -Anaulus campylodiscus & W.)  
 GIBBA, Bailey Mss.; Prit. p.352-3f22; R.E.D. p.313; Sm. Sp. T. 161; Jan.  
 Gaz. pl. 1f7; M.T.P. 4-2-1; Villef. p.72; Woll. pl. 63f26; Det. Syll. p.  
 1325: (Dichomenis subtilis; -Goniothecium  
 anaulus; -E. Ceylanensis; -Hemidiscus subtilis & cuneatus.)  
 GIGANTEA, Brun & Temp. p.71:  
 \* v. minor, Brun & T. p.71:  
 HARMANNIANA, ; Det. Syll. p.1327: -(Palmeria.)  
 HUNGARICA, Pant. 3p. -29f429;  
 INORNATA, Castr. 1337p.149-12f1; Brun & T. p.71; Malaisia;  
 (Det. Syll. p.1326; (Hemidiscus.) ---  
 \* v. curvirostrata, Brun & T. p.71; Brun 1391p.26-17f3; Det. S. p.1326;

+ argus, Ostet, Can. Nov. : cl. 1897 p. 23:



- JANISCHII, Grun.-V.4.S.pl.127f1-4; J.Q.C.1337p.II; Brin & T.p.71;  
 Wollé pl.105f19-21; Det.Syll.p.1327; (Eulotiopsis.)---  
 MARGARITACEA, Brin & T.p.p.37-4f6; Det.S.p.1326; (Meridensis.)---  
 MARYLANDICA, ; Det.S.p.1327:-(Triceratium M., 1851.)  
 ORBICULARIS, Castr.1337p.149-12f15; Notar.1339p.757; Det.S.p.1325;  
 PRODUCTA, Grun.-V.4.S.pl.126f16; Det.S.p.1327: (E.Brightwelli, var.)  
 RADIALA, Castr.1337p.150-12f4; Notar.1339p.757; Det.S.p.1325;  
 RECTA, Castr.1337p.149-12f3; Jan.Gaz.pl.1f3; Notar.1339p.757;  
 Det.Syll.p.1325;  
 STRIALA, Gro. & St.-J.Q.C.1337p.II-3f14; Notar.1337p.346;  
 Det.S.p.1326;  
 VENTRICOSA, Castr.1337p.150-12f5; Brin & T.p.p.71; Notar.1339p.756;  
 Det.S.p.1326;  
 " var., Castr.1337p.150-12f6;  
 WEISSLOGII, Grun.-V.4.S.pl.126f13; Jan.Gaz.pl.1f6; Det.S.p.1327;  
 (Genus novum ?)

EUPHYLLODIUM.-- (Shadb., 1856.)--

- SPATHULATUM, Shadb.-M.J.1353p.14-1f3; T.M.S.1353p.II-4f4; Petit Cat.  
 p.33; Fortm.Cey.p.54; M.T.P.2-1-9; Cl.Vega p.503; J.Q.C.1337p.42-  
 4f3; (Doryphora elegans; -Podocystis Americana.)---  
 " var., Grun.1333p.96-1f9; *Suvilla* Vol.1 p.78-1f1

EUPLEURIA.----- (Arnott, 1858.)--

- INCURVATA, Arnott.-M.J.1353p.90;  
 (Achnanthes costata; -Entopyla Australis & i.: -Gephyria; )  
 MEDIA, Arnott.-M.T.P.3-1-21; (Gephyria.)---  
 OCELLATA, Arn.-M.J.1353p.90; Prit.p.309-3f2; Grun.1333p.3;  
 R.E.D.p.303; Pet.Cat.p.15; (Entopyla.)---  
 PULCHRELLA, Arn.-M.J.1353p.39; Prit.p.309-3f3; Grun.1333p.3; R.E.D.p.  
 303; O.M.Kerg.; Pet.Cat.p.15; Sm.Sp.1.630; M.T.P.2-3-9; (Entopyla.)---  
 TELFAIRIA, Arn.-M.T.P.3-1-13; (Gephyriae.)

EUPODISCUS.---- (Ehr., 1844.)--

- , Am.Nat.1373p.571; -, Atlantic City:  
 AMERICANUS, E.-Abh.Ber.1344p.73; Det.Syll.p.1336;  
 (E. & Aulacodiscus argis.)---  
 ARGUS, E.-Breb.D.C.: Seb.D.I.24-4f59; M.J.1353p.75; Prit.p.313-3f2;  
 11f41, 42; M.D.pl.12f50; H&H.p.37; N. & R.S.1.70; Cooper, 1858; R.E.D.  
 p.319; London Clay; Carr.p.94; Jan.Gl.23-16, 16; O.M.1.2.239-1-  
 3; M.T.P.4-4-2; M.M.J.1372p.125, 253<sup>48</sup>; 1376p.110, 233, 233 cur. 1901;  
 1374p.20; Lens Vol.2p.29; Fortm.Cey.p.37; Cl.1372p.3; 1373p.13; Sm.  
 Sp.1.132; Atlas 92f7-II; Day Bot.p.15; Carr.1370p.16; W.S.S.1370,  
 p.3; A.M.M.J.1333p.31; 1391p.12f33; V.4.S.p.209-11f13-6; T.503; Wollé  
 pl.73f1, 2, 4; Malaisie; J&M 1884p.151 (Aulacodiscus; -E. & Aulacodiscus,  
 quaternarius & quinaris; -Tri. discus a. & Germanicus.) Q.J.M. 5.1860p.  
 BAILEYI, E.-Abh.Ber.1344p.31; W.S.A.p.135; 27 cum icones;  
 (Aulacodiscus, Podiscus & E. Rogersii, v.)

Jonesianus, Cl. + m. # 1:

- BARBADENSIS, Grev. -T.M.S. 1364p.33-12f4; -(Pseud-Auliscus Ralfsianus.)-  
 CALIORNICUS, Grun. -Atlas 39f20; V.H.S.pl.113f3; J.R.M.S.1333p.911;  
 Wolle pl.73f7: Det.S.p.1033; (E. *trilobatus*, v.)  
 COMMUTATUS, Grun. -J.R.M.S.1333p.916; (Coseinodiscus concentricus.)  
 CRASSUS, W.S., S.B.D.1p.24-4f4f; Breb.D.C.: Roger, Thomas; Bull: 360  
 Polak 1.16; (Actinocyclus Ehrenbergii, G. & Setchell.)--  
 CRUCIAT, Shadb. -T.M.S.1354p.16-1f12;  
 (E. *Petersii*: Aulacodiscus e. *crista* & *Petersii*.)  
 CRUX, K.S.A.p.135; (Aulacodiscus.)  
 DECRESCENS, Rattr. -J.R.M.S.1333p.911-14f9; Det.S.p.1032;  
 DEFORMIS, (Aulacodiscus.)  
 DEBYI, Grun. -Bot.Centr.No.15, p.33; (Isodiscus; -Lampriscus.)-  
 ECCENTRICUS, O'M. -M.J.1367p.245-7f2; Deby Polak 1.16; (Cose. *excentricus* var. *hyalinus*.)  
 FULVUS, S.B.D.1p.24-4f10; Breb.D.C.: Roger, Thomas; Deby Polak 1.16;  
 Bull; Malaisie; J.R.M.S.1333p.914; (Actinocyclus; -Auliscus.)-  
 GERMANICUS, E. -Abh.Ber.1339p. -3f3; 1344p.31; K.B.p.135-1f3; K.S.A.  
 p.134; Prit.1352pl.14f4f; Jan.Gr.p. 1b,f3; R.E.D.p.35,f5; Eion,  
 1371; (Aulacodiscus( & Tripodiscus) G. & argus; -E. *argus*.)  
 GREGORIANUS, Breb. -R.D.Ex.No.29: J.Q.C.1370p.41; -(A'eyclis *subtilis*.)-  
 GREVILLEI, Ralfs. -Prit.p.933; J.R.M.S.1333p.915; Det.Syll.p.1035;  
 (Aulacodiscus.)----  
 HARDMANNIANUS, Grev. -T.M.S.1366p.30-3f14; J.R.M.S.1333p.913;  
 Det.Syll.p.1035;  
 INCONSPICUUS, Rattr. -J.R.M.S.1333p.911; Det.Syll.p.1034;  
 INSUTUS, Castr.13371.123-19f3; Notar.13391.753; Det.S.p.1032;  
 INTERPUNCTATUS, Brightw. -Grun.1373p.54; A.J.M.1373p.101;  
 (Cyclotella & Ayalodiscus *maximus*; -Coseinodiscus.)--  
 JONESIANUS, Grev. -T.M.S.1362p.22-2f3; Cl.Java p.5; A.J.M.1377p.149;  
 Sm.Sp.T.No.133; Malaisie; (Coseinodiscus *concinus* & *tenuis*.)--  
 ' var., Cl. & M.No.4:  
 MINUTUS, Hantzsch, 1363p.21-3f9; Petit Cat.p.33; -(A'eyclis *moniliformis*)  
 MINUTUS, Grev. -T.M.S.1363p.5-1f13; J.R.M.S.1333p.911; Det.S.p.1032;  
 MONSTRUOSUS, E. -Abh.Ber.1344p.31; K.S.A.p.134; Prit.p.343; R.E.D.  
 p.320; (Aulacodiscus, E. & Tetrapodiscus *argus*.)----  
 NEBULOSUS, Fortm. -J.R.M.S.1333p.912; Det.S.p.1033; -(Pseud-auliscus.)--  
 OAMARUENSIS, Grun. -Bot.Cblt.1387p.133; (Debya; -Rattrayella.)----  
 OBSCURUS, Grev. -T.M.S.1362p.90-9f4; (Pseud-auliscus *Petiti*.)--  
 OCULATUS, Grev. -T.M.S.1362p.90-9f3; Atlas 117f9; Wolle pl.73f5;  
 J.R.M.S.1333p.910; Det.Syll.p.1034;  
 OVALIS, Norman. -T.M.S.1361p.3-2f3; B.S.3.1373p.30; (Actinocyclus.)-  
 PARVULUS, Grev. -J.R.M.S.1333p.912-14f3; Det.Syll.p.1031;  
 ' v. *concentrica*, Rattr. -J.R.M.S.1333p.912-14f7; Det.S.p.1031;  
 PERUVIANUS, Kitton. -Prit.p.933; (Auliscus; -Pseud-auliscus.)-  
 PETERSII, K.S.A.p.135; (Aulacodiscus; -E. *crista*.)---  
 PUNCTATUS, Bailey Coll.: Det.Syll.p.1037;  
 PUNCTULATUS, Grev. -T.M.S.1363p.73-4f19; R.E.D.p.35; Det.S.p.1032;  
 J.R.M.S.1333p.912;

Eusynedra.

Subgenus: H. V. H., 1885. - 3

Gran. 1862 p. 384

Det. Os. Jac. 1890 p. 905. -

- QUATERNARIUS, E. -Abh. Ber. 1844p. 81; W.S.A.p. 134; R.E.D.p. 35:  
(Aulacodiscus argus; -E. & Tetrapodiscus Germanicus & argus.)
- QUINARIUS, E. -Abh. B. 1844p. 31; W.S.A.p. 135;  
(Aulacodiscus, E., & Pentapodiscus argus.)---
- RADIATUS, S.B.D. Ip. 24-30f255-Ceratulus Smithii; -Bailey M.O.p. 39:  
M.J. 1860p. 95-5f10; Prit.p. 843; N. & R.S.p. 69; Roper, Thames; Flögel,  
Baltic; Grun. 1863p. 25; Sm. Sp. T. 164; A.M.M.J. 1873p. 32; Cl. 1877p. 17;  
V.H.S. pl. 113f1, 2; T. No. 509; M.T.P. 4-4-3; Mobile; T.B.C. Vol. 16p. 209;  
Wolle pl. 73f6, II; Del. Syll. p. 1034;  
(Aulacodiscus; -Biddulphia hemitropa & r.: -Pseud-auliscus.)-  
" v. antiqua, W. & S. -T.B.C. Vol. 16p. 209; Wolle pl. 77f8;  
" v. humilis, Rattr. -J.R.M.S. 1833p. 913; Del. S.p. 1034;
- RALFSII, Breb. D.C.p. 13; S.B.D. 2p. 33; Hull; N. & R.S.p. 65; R.E.D.p.  
320; Deby Polder p. 16; (Actinocyclus.)  
" var. "b", Greg. -M.J. 1855p. 38-4f11; S.B.D. 2p. 103;
- ROGERSII, E. -Abh. Ber. 1844p. 81; W.S.A.p. 135; Prit.p. 843; Atlas 92f  
2-3; Atlantic City; B.S.B. 1873p. 32; 1879p. 6; Wolle pls. 73f3;  
111f17; (Aulacodiscus; -E. Baileyi; -Podiscus.)
- ROPERI, Breb. -Rabh. D. Ex. No. 30; R. Alg. E. No. 2005; J.Q.C. 1870p. 41;  
(Actinocyclus r. & ovalis; -Coseinod. ovalis.)-
- SCABER, Grev. -T.M.S. 1864p. -10f1; (Aulacodiscus; -Ceratulus.)---
- " v. heliodiscus, Brun, 189Ip. 27-17f11;
- SCULPTUS, S.B.D. Ip. 25-4f42; M.D. pl. 12f3; Hull: Roper, Thames;  
N. & R.S.p. 70; (Aulacodiscus; -Auliscus.)
- SIMPLEX, Grev. -T.M.S. 1863p. 73-4f20; R.E.D.p. 35; Del. S.p. 1033;  
J.R.M.S. 1833p. 910;
- SIMBIRSKIANUS, Grun. -Bot. Cblt. 1837p. 133;  
(Rattrayella; -Debya Oamardensis.)-
- SPARSUS, Greg. -M.J. 1857p. 31-1f47; B.S.B. 1873p. 30; 1879p. 6;  
(Actinocyclus Ralfsii, var., & sparsus.)-
- SPARSUS, Crozan. -Alg. Gaudaloup. p. 9; Del. Syll. p. 1426; ?
- SUBTILIS, E. -Abh. Ber. 1855p. 302; Del. S.p. 1033; ---Greg. D.C.p. 29-3f50;  
Breb. D.C.p. 13; Rab. Alg. 2001; J.Q.C. 1870p. 41; Malaisia: -(A'eyclus.)---
- TENELLUS, Breb. D.C.p. 25-1f9; M.J. 186Ip. 7-1f16; Petit Cat. p. 33;  
J.R.M.S. 1833p. 914; (A'eyclus.)----
- TESSELLATUS, Roper. -M.J. 1853p. 19-3f1; Hull: -(A'eyclus.; -Roperia.)-
- TRIOCLATUS, Grev. -T.M.S. 1864p. 33-12f3; J.R.M.S. 1833p. 910;  
Del. Syll. p. 1032; (E. Californicus.)--
- TRIPES, Johnston. -A.J.S. 1852p. 33; Del. S.p. 1035: -(Cose. radiatus.)-
- VELATUS, Grun. -M.T.P. 4-4-1; (Biddulphia; -E. radiatus, W.S.)
- WEISSFLOGII, Grun. -V.H.T. No. 11 sub; Del. Syll. p. 1037: -(Micropodiscus.)
- EXCENTRON.----- (Ralfs, 1860.)-
- CANCROIDES, Ralfs in litt.: Prit.p. 837;  
(Asterolampra, Asteromphalus & Spatangidium arachne.)-
- EXILARIA.----- (Grev., 1827.)-
- ARCUS, Breb. ---? (Synaula biceps, "b".)---

> circularis Grev. Syn. :- (Merid. circ.)

+ fasciculata, : K. Alg. 74  
Grev. Scot. Syn. p. 37:

- CAPITATA, Hassall Alg.p.433-97f1: (Synedra.)-  
 CRYSTALLINA, K.Syn.p.33,f4f; K.Alg.No.45; Breb.Alg.Fal.p.46f3:  
 Lagr.I334p.52: (Diatoma; -Synedra biceps & alna.)--  
 CURVATA, K.Alg.No.112; Lagr.I334p.40: (Eunotia; -Syn.lunaris.)---  
 FASCICULATA, K.Syn.p.33,f40; K.Alg.No.74; Hass.Alg.p.434-97f10; Lagr.  
 I334p.51:-(Diatoma f.& parasiticum; -Syn.affinis, var., Superba & f.)---  
 FLABELLATA, Grev.-Scottish Flora Vol.5p7239: K.Syn.p.37:  
 (Liemophora flab., Ag.)--  
 FLABELLUM, E.-Abh.Ber.I330p.62; I33Ip.36: (Meridion circulare.)-  
 FLEXA, Breb.-K.S.A.p.6: (Eunotia & Himantidium biceps.)  
 FULGENS, Grev.-Scot.Fl.Vol.5,p729I:  
 (Diatoma crystallinum; -Liemophora; -Synedra.)  
 GLOMERATA, Breb.-K.B.p.69:  
 LUNARIS, Jenner.-Flora Tunbr.wells; Hass.Alg.p.434-97f14: (Synedra.)  
 LIMOIDEA, Breb.Cons.p.15; K.B.p.69:  
 MINUTISSIMA, Berkeley.-Gleanings British Algae p.22-7ff; Breb.Alg.  
 Falaise p. : (Gomphonella olivacea.)---  
 NOTATA, ~~Suffr.~~ in Herbario; K.S.A.p.47: (Synedra fasciculata.)  
 PANDURIFORMIS, E.-Beitrag I33Ip.62: (Meridion.)--  
 PULCHELLA, Ralfs.-K.B.p.63: (Synedra.)-  
 RUBIGINEA, Breb.Alg.Fal.p.47,f3; (Gomphonema curvatum.)---  
 TABULATA, K.Syn.p.35: (Diatoma.)  
 TENUISSIMA, Breb. [K.S.A. p.46; B. as Syn.] (Synedra.)  
 TRUNCATA, K.Syn.p.33,f39; Breb.Alg.Fal.p.46f3; Scot.Fl.p.16f4:  
 (Gomphonema gracile; -Syn.fasciculata & alna; Diatoma parasiticum)  
 ULNA, Hassall Alg.p.433-97f12: (Synedra.)  
 VARIEGATA, K.Syn.p.54: (Diatoma.)  
 VAUCERIAE, K.Syn.p.32f33; K.Alg.No.24; Breb.Alg.Fal.p.46f3;  
 Lagr.I334p.40,f3: (Synedra fasciculata & V.)  
 VIRIDESCENS, Breb.Alg.Fal.p.46p1.6: (Syn.amphithinichis.)-

## FALCATELLA.---- [Rabh., 1853.]

- AUERSWALDII, Rabh.Kryptog.Flora p.40; Det.Syll.p.200: Prollis  
 p.5I: (Navicula incliva.)  
 BIASSOLETTIANA, Rabh.Kryp.Fl.p.40; Det.S.p.200:-(Achmanthes.)---  
 DELICATULA, Rabh.S.D.p.43-5f4; Det.S.p.200:-(Achmanthes & Achmanthes.)-  
 LUNATA, Rabh.S.D.p.43-5f2; Det.S.p.200: (Synedra falcatella.)  
 NEAPOLITANA, Rabh.S.D.p.43-5f5; Det.S.p.200:-(Navicula; -Synedra.)  
 ROMANA, Rabh.S.D.p.43-5fI; Det.S.p.200: (Navicula; -Synedra.)  
 ZELLERI, Rabh.Krypt.Fl.p.40; R.Alg.No.50f; Det.S.p.200:-(Synedra.)

## FENESTRELLA.--- (Grev., 1863.)-

- , Rabh.E.D.p.35:  
 BARBADENSIS, Grev.-T.M.S.I333p.3-4f3; J.R.M.S.I333p.9f3; Det.S.p.1037:  
 CONVEXA, Brun,I39Ip.27-19f7; Det.Syll.p.1033:  
 GLORIOSA, Brun,I39Ip.27-19f3; Det.Syll.p.1033:

## FIBULA.----- (W.Sm., 1859.)-

- Vide W.Sm., in Brit.Museum Cat.I359p.33; M.J.I333p.16:-(Peronia.)-----

> --, J. L. S. vol. 2/p. 245;

> baculus, Cestrum, 1897 p. 338-2 f 7, 20: ]



- , Meneg. A. N. D. p. 331;  
 -, Pfitzer p. 120;  
 -, J. L. S. 1334 p. 245;  
 -, E. - Abh. B. 137 I pl. I<sup>st</sup> f<sup>7</sup>:  
 -, Mik. pl. 2-2f36;  
 -, Mik. pl. 12f34;  
 -, Mik. pl. 35A-15f2;  
 -, Mik. pl. 39-1f43;  
 ACUTIA, E. - Meteor. 1340 pl. 2f10; Amer. pls. 2-2f13; 3-4f10; 3-5f1; 3-5f11;  
 Mg. pls. 1-3f3; 5-3f31; 5-1f43; 3-3f19; 11f10a, b; 13-3f3; 17-1f13; 31-  
 1a, f3; 34-12a, f2a, b; Nord. p. -3f12; K. B. p. 46-16f7; K. S. A. p. 15; R. S.  
 D. 1. 34-1f3; Prit. p. 777; Grun. 1352 p. 37-7f14; Schum. 1357 p. -1f1;  
 Carr. p. 30; Nylander, W.: Spamer, Garen; Mik. 34-4f3.  
 (F. brevistriata & capricina; -Quontidium a., var.) --  
 AEQUALIS, Heiberg p. 31-4f12; Cl. 1367 p. 363; 1363 p. 219; O'M. K. p. 1; I. O.  
 p. 232; Italy; Lagr. 1373 p. 15; 1376 p. 17; V. H. S. pl. 44f7; T. No. 313;  
 Herib. p. 143; (F. virescens; -Stenobolus)  
 " var. "b" producta, Lagr. 1373 p. 15-1f1; Malaisia; - (F. producta (F. virescens, v.) -  
 " var. "g" inaequidentata, Lagr. 1373 p. 16-2f1; (F. virescens, v.) -  
 AMPHICERIALA, E. - Mik. pl. 35A-15f1-3; 37-2f5; Abh. B. 1370 p. 53; Prit.  
 p. 777; Woll. pl. 47f21; Del. Syll. p. 333;  
 AMPHICEROS, E., Amer. p. 127; Abh. B. 1341 p. 32; Mg. pl. 35A-22f9; 15f77a; V.  
 B. p. 43; K. S. A. p. 15; (Coccineis; -Quontidium; -Raphanensis.)  
 AMPHILEPTA, E., Mik. p. 241; Prit. p. 777; Del. Syll. p. 333;  
 AMPHIOXYS, E., Mik. pl. 39-3f33; Del. S. p. 393; -  
 (Dimeregramma & Quontidium mitabile.) --  
 ANCEPS, E., Amer. p. 127; Mg. pl. 3-1f22; V. B. p. 43; K. S. A. p. 15;  
 (Diatoma; -F. pteridium; -Quontidium anomalum & a.) ----  
 ANGUSTA, E., Inf. p. 205-15f13; (F. capricina.)  
 ANGUSTATA, Cl. & Gro. - Led. Vol. 2 p. 57-3f19, 20; Del. S. p. 334;  
 ANIARCTICA, Cast. 1337 p. 53-25f12; (F. Castreacensis.) --  
 ANIARCTICA, Schwartz. - Sitzber. des Gesells. Berlin, 1377; Just's Jahrbuch Bot. 1377 p. 41; Del. S. p. 334;  
 ARCTICA, Grun. - Cl. 1330 p. 110-7f124; Del. S. p. 334; (F. Javanica.)  
 ARCUATA, Schum. 1352 p. 134-3f11;  
 AUREA, Carmichael in Hooker's Brit. Flora p. 403; Haw. m. p. 198  
 (Grammatonema (Grammonema) Jurgensii & striolatum.)  
 AUSTRALIS, E., Mik. p. 311; Prit. p. 777; R. L. D. p. 121; Del. S. p. 394;  
 BACILLUM, E. - Abh. Ber. 1344 p. 32; Mg. pls. 2f30; 35-13f11; K. S. A. p. 15;  
 Prit. p. 777; Del. S. p. 391; (Navicula.) --  
 BICEPS, E., Amer. p. 127; Mg. pls. 5-2f25a, b; 7-2f9; 7-3a, f24, 25; 3-1f15;  
 3-3f3; 9-1f3; 11f7a-a, 9, 10; 12f4; 13-1f3; 14f49, 51; 35A-22f10;  
 K. B. p. 46; K. S. A. p. 15; E. Nord. p. -3f13; Woll. pl. 47f9; Del. S. p. 391;  
 (Bacillaria tabellaria; -F. gibba.) -  
 BICONSTRICIA, Rabh. - Schum. 1357 p. 52-1f3;  
 BIDEAS, Heiberg p. 33-5f14; R. L. D. p. 119;  
 Del. S. p. 390; (Stenobolus.) --  
 " formae ma or minor, Herib. p. 143; V. H. S. p. 45f6; V. H. S. p. 46

2. *Leptocarpus*

... 15f264, 265:

Capucina, Des. - A. mon. H. vol. 12, pl. 254: Nass. alg. pl. 95 f6.

BINALIS, E. - Mik. pls. I-3f9; I4f52; Italy: Prit. p. 777:

(Navicula; -Tabellaria.) -

BINOUIS, E. - Abh. Ber. I34Ip. 415; Amer. p. I27; Mg. pls. 5-2f23a, b; 6-I4f43; IIfI5; I3-2f36; Prit. p. 777; Carr. p. 30; Woll. pl. 47f3; Herib. p. I44; (Navicula; -F. constricta, constricta & undata; -Odontidium parasiticum & tabellaria.) ---

var. "b", W. Sm. - Prit. p. 777: - (Odont. binouis, "b".) --

v. obliqua, Her. & Ber. - Herib. p. I44: -

BIPUNCTATA, E., Inf. p. - I5fI5; Rab. Alg. No. 233; R. S. D. p. 33-I15;

Hoffmann, Marburg:

(F. capitata.)

BIROSTRIS, E. - Abh. Ber. I344p. 342; Mg. pl. 33A-2a, f3; V. S. A. p. I5;

Del. S. p. 391:

(Dimerogramma.) ---

BIFUMINOSA, Pant. 2p. 65: Del. Syll. p. 335:

v. cineta, Pant. 2p. 65-Iof223; Del. S. p. 335;

v. elongata, Pant. 2p. 65-I3f23I, 233, 235; Del. S. p. 335;

v. perlonga, Pant. 2p. 65-IofI7I; Del. S. p. 335:

v. minor, Pant. 2p. 65-7fI29; Del. S. p. 335:

BIVITTATA, Pant. 3p. 4. -4f57;

BREVIS, Montagne. - Guyan. p. 675; Sylloge p. 474; Del. S. p. 334:

BREVISTRIATA, Grun. - V. A. S. p. I57; Pant. 3p. -7fI57; Del. S. p. 390:

Herib. p. I43:

(F. acuta; -Stenopsis.)

v. cuneata, Grun. - De Toni, Syll. p. 390:

v. fossilis, Pant. 2p. 66-7fI24; I3f224; I5f232; Del. S. p. 390:

v. lapponica, Cl. - Herib. p. I43;

v. Mormonorum, Grun. - V. A. S. pl. 45f3I; Woll. 47fI5; Herib. p. I47;

v. pusilla, Grun. - V. A. S. pl. 45f34; Herib. p. I43;

v. subacuta, Grun. - V. A. S. pl. 45f32; Herib. p. I47; - (F. acuta, p. 8.)

v. subcapitata, Grun. - V. A. S. pl. 45f33; I. 3I3; Herib. p. I47;

CALIFORNICA, Grun. - V. A. S. pl. 44fI3; Cl. & M. No. 273; Woll. pl. 47f22:

Del. S. p. 393:

(F. striatula, v.: -Trachysphaera.) -

CAPENSIS, Grun. I363p. I43-I4f5; I363p. 2: R. E. D. p. I2I; Del. S. p. 335;

V. H. S. pl. 44fI9:

CAPITATA, E. - Mik. pl. 35A-I2f2; Abh. Ber. I353p. 527:

(Diatoma anceps; -F. laticostata; -Odontidium & chamocephalum.)

CAPUCINA, Desmazieres, I, No. 453; Westendorp, C.: Marissal; V. B. p. 43-

I3f3; V. S. A. p. I4; R. S. D. p. 33-I12; R. Al. No. 349; R. Sac. Exs. 50; S. S. D.

2p. 22-35f296; Mull; Wartmann & Sch. No. I27; Prit. p. 775-9fI73-I75; I4f

I, 2; Neupauer p. I39-I4; Grun. I362p. 372-7fII; M. D. pl. I2f33; Mull; R.

D. Ex. No. 3I; Weisse I364p. 360-4f22: New Zealand; Roper, Thames; R. E. D.

p. I16; Schum. H. T. pp. 42, 65; Arenip Bach; O. M. Kerp.; I. D. p. 232; Kirch.

Alg. Schlies. p. 206; V. & Z. p. I5-I4f5; Prollius p. 75; Macdonald pl. IOf

5; Kinnord; Smit. Sp. T. No. I15; Nylander, A.: V. S. p. I-2-20; Grun. Al. p.

I20-4fI; Italy: Ebert, Cassel; Tanarek I379p. 56, f35; Malaisie; V. A. S.

p. I56-45f2: Hoffmann, Marburg; Belloc, Lichon; Woll. pl. 47fI-3; Siam,

Duren; Lake Michigan; Cl. I39Ip. 33; Delogne; Del. Syll. p. 333; Strose,

Kleiken; Herib. p. I42; A. M. M. S. I39Ip. I. If2I; (Staurisma: -

var. major, W.S. 3- (F. Smithiana)

Constricta, Nagel. 39-3 f 16:-

Construens, E.-

" v. bigibba, a. Al. 1895 p. 35+1 f 28:

- (Bacillaria & F. multipunctata; -Conferva, Diatoma & F. pectinatis; -F. acuta, angusta, bipunctata, diophthalma, fissa, scalaris, sericea, tenuis, Smithiana, rhabdosoma, ventriculus; -Nematoplata c. & argentea.)--
- var. "b" acuta, E.-S.B.D. 2p. 22; R.E.D. p. 113; V.H.S. p. 156-157; Del.S. p. 333; Herib. p. 143; (F. acuta.)
- v. acuminata, Grun.-V.H.S. p. 156-45f3; Del.S. p. 333; Herib. p. 143;
- v. aequalis, V.H. Type No. 313;
- v. constricta, Grun. 1362p. 372-7f12; Brun Alp p. 121-4f1b; Bellec, Lichon; (F. contracta & c. *hipunctata*)
- v. corrugata, Grun. 1362p. 372; (F. corrugata.)
- v. lanceolata, Grun.-V.H.S. p. 145f5; *Oestrup 1897 p. 31*;
- v. mesolepta, Rabh. E.D. p. 113; Rab. Alg. No. 1041; V.H.S. p. 156-45f3; T. No. 312; Lake Michigan; Cl. 1391p. 33; Del.S. p. 333; Herib. p. 143; (F. bipunctata & contracta.)-
- v. minima, Rabh. E.D. p. 113; (F. pusilla.)
- v. parva, R.E.D. p. 113; (F. corrugata.)-
- CARMICHAELII, Harvey Manual p. 193; Hook. Brit. Fl. p. :S.B.D. 2p. 104;- (Grammatonema striatulum; -Rhabdonema minutum.)---
- CARNEA, Lynghye Flora Danm. p. 12133; (Non-Diatomaceous.)-
- CASTRACANEI, Deloni, Syll. p. 637; (F. Antarctica, Cast.)
- CATENA, E., Abh. Ber. 1340p. 13; V.S.A. p. 15; Prit. p. 777; R.E.D. p. 121; Del.S. p. 691; *Kütz. 1844*; (F. turgens.)
- CONFEROIDES, Grev.-Hooker's Brit. Fl. p. 403; Harvey Man. p. 197; (F. virescens; -Odonia. hysmale.)----
- CONSTRICTA, E., Amer. p. 127, pls. I-1121; 3-3f10; M. p. 13115; 17-1115; 33-3f3; 33-10f13; 33-3f56; K.B. p. 46-29f25; V.S.A. p. 15; R.S.D. p. 34-1f5; Prit. p. 777; Carr. p. 30; Neipater Asatag p. -2f33; Nylander, m.: Petit & Leud.; Hoffmann, Marburg; (F. binodis, capucina, construens, var., & mesolepta, undata, virescens.)
- var. "a", E.-Mik. pls. 16-1f19; 16-2f34;
- var. "b" E.-Mik. pls. 16-1f20; 16-2f35;
- CONSTRUENS, Grun. 1362p. 371; R.E.D. p. 120; O.W. I.D. p. 253; Italy; Stross Kleiken p. 13-1f27; Brun Alp p. 120-4f9, 10h; Winnora; V.H.S. p. 156-45f 26c, a, 27; Ebert, Cassel; Cl. 1391p. 33; Bellec, Lichon; Delone; Del.S. p. 333; Wille pl. 47f13, 14, 20; Lake Michigan; Kirch. Alg. Schl. p. 203; Herib. p. 143; - (F. undulata; -Stenobasis; -Odonia. & Odonia. gracillaria.)
- forma gracilis, Rab. E.D. p. 120; (Diatoma pectinatis & simile.)-
- v. binodis, E.-Grun. 1362p. 371; R.E.D. p. 120; Italy; Brun Alp p. 120-4f10; V.H.S. p. 157-45f24, 25; Bellec, Lichon; Stross, Kleiken; Del.S. p. 339; *Cod. Karasch 1*; (F. undulata & b.)-
- v. capitata, H. & Br.-Herib. p. 144-1f2;
- v. genuina, Herib. p. 144;
- v. oblonga, Grun. 1362p. 371-7f10; R.E.D. p. 120;
- v. pumila, Grun.-V.H.S. p. 145f21a; Herib. p. 143; *Oestrup 1897 p. 31*;
- v. pusilla, Grun. 1362p. 371; <sup>22</sup>; (Frag. p.)
- v. venter, V.H.S. p. 156-45f21b, 23, 24b, 26a, b; Lake Michigan; Malaisie; Del.S. p. 339; Herib. p. 144; (Frag. v.)-

→ Harrisonii, Oestrup 1891 p. 338:

CONTRACTA, Schum. 1332p. 134-3f12; 1337, 52-1f2; (F. capillaris, v.) ---  
 CORRUGATA, K.B. 1.45-1315; K.S.A. 1.14; R.S.D. 1.34-1f4; Prit. 1.777;  
 Men. Acad. 1.139-1f5; Hoffm. Mar. 1. Spamer, Duren; (F. capillaris, v.) ---  
 CRISTATA, E., Mik. 1.1.33-1f19; (Eunotia; -F. parvula; -Quort. cristata.)  
 CROTONEANSIS, ~~Wille~~ S.G. 1339p. 109, 131; O.M.I.C. 1.233; 1f19; S.G. 1.1.  
 166; V.H.S. 1.153; Det. Syll. 1.333; (F. parvula; -F. capillaris, v.) ---  
 v. prolongata, Grun. -V.H.S. 1.156-40f10; T.No. 319;  
 Det. S. 1.335; (Mitzschia.) ---  
 CRUX, E., Mik. 1.105; Prit. 1.777; R.E.D. 1.121; Det. S. 1.394;  
 CUNEATA, E., Mik. 1353p. 79; Det. S. 1.392;  
 CYLINDERUS, Grun. 1334p. 55-2f13; Cl. & M.No. 314; Vega 1.460-37f64a-c;  
 Det. S. 1.334; *Cestrum* 1897p. 338;  
 DIATOMOIDES, Grev. -British Flora 1.403; Harvey Mar. 1.193; Prit. 1.  
 773; R.E.D. 1.125; (Grammonema Jurgensii, v.) ---  
 DIOPHTHALMA, E., Inf. 1.205-15f13; Amer. 1.1s. 2-2f13, 14; 3-3f10; 3-3f17;  
 M. 1.1s. 3-4f29; 5-1f30a, b; 5-3f49; 3-1f43a-c; 3-2f20a-c; 7-3a, 12f1a-c;  
 7-3b, 1f14; 3-2f17a, b; 1f12a-c; 12f2a-b; 13-1f2; 14f43a, c; 15a, 1f7;  
 17-1f10a, b; 35A-2f11f12; 37-1f7; 36A-2f13; 38-3f2; 39-1f40; 39-3f15;  
 R.S.D. 1.33-1f7; Schum. 1334p. 17-2f5; E. 1.16, Cressl; Hoffm. 1.22-1f1;  
 Spamer, Duren; (F. capillaris, fissa, ventriculata; -Quort. mitabilis.)  
 DUBIA, Grun. 1332p. 373-7f23; V.H.S. 1.1.33f13; Det. S. 1.390;  
 Wille 1.1.37f4; (Dimerogramma.)  
 ELLIPTICA, Schum. 1.1.1.55; 1337p. 52-1f5; V.H.S. 1.1.45f15; Det.  
 Syll. 1.337; Herib. 1.145; (F. mitabilis, v.) ---  
 forma minor, Herib. 1.146; V.H.S. 1.1.45f16, 17;  
 ELONGATA, Part. 2.1.35-13f23I, 233, 235;  
 ENOMON, E., Amer. 1.127; M. 1.1.5-3f50; K.B. 1.43; K.S.A. 1.15; Prit. 1.  
 777; R.E.D. 1.121; Wille 1.1.47f23; (Mitzschia.)  
 EUGRAMMA, E., Mik. 1353p. 69; Det. S. 1.392;  
 EUNOTIA, E. -Abh. Ber. 1353; Prit. 1.777; R.E.D. 1.121; Det. S. 1.394;  
 EXIGUA, Grun. -Cl. & M.No. 144 *sub*; (F. virescens, v.) ---  
 EXILIS, Grun. 1332p. 144-13f12; R.E.D. 1.121; Det. S. 1.335;  
 FASCIATA, Lyngb. Hydr. Tent. 1.132, pl. 62; K.B. 1.129;  
 (Diatoma; -Grammatophora marina.) ---  
 FISSA, E., Inf. 1.205; (F. capillaris, fissa, ventriculata.) ---  
 FREMONTII, E., Abh. Ber. 1353p. 1.2-1f5; Wille 1.1.51f7; Det. S. 1.333;  
 FRUSTULIA, E. -Abh. B. 1370; Mik. 1.303; Prit. 1.777; R.E.D. 1.121;  
 Det. S. 1.394;  
 GIBBA, E. -Abh. Ber. 1337p. 105; M. 1.1.3; 1f12; Prit. 1.777; Det. S. 1.392;  
 GLABRA, E. -Amer. 1.127; K.B. 1.43; K.S.A. 1.15; Prit. 1.777;  
 Det. S. 1.391; (F. biceps.)  
 GLANS, E. -Inf. 1.135; (Quort. mitabilis.)  
 GRACIS, E. -Inf. 1.203-15f11; K.B. 1.45-2f19; Cole, 1881 ex;  
 (Eunotia & Himantidium pectinale.)  
 GRANULATA, E. -Abh. Ber. 1341, 202; *Mik. p.* ? (Quort. mitabilis.)  
 HARRISONI, Grun. 1332p. 333; E.H.S. 1.1.15; R.E.D. No. 1111 21; 1f19; R.  
 E.D. 1.119; Grun. 1.1.119-4f11; M.T.P. 1.1-15, 17; V.H.S. 1.1.137-1f12;  
 1.316; Ballo, Lichon; Lake Michigan; Cl. 1391, 33; Wille 1.1.47f12;  
 Herib. 1.145; (Biblatia 13f10a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z;  
 F. infinis; -Quort. mitabilis & Salomon, 1881; -F. parvula 1897)

+ intermedia, a. cl. 1895 p. 36.

+ Laponica, Gr. -

" v. minuta<sup>+</sup> a. cl. 1895 p. 36-1 f 40: (no. 14)



- forma mediocris, R.E.D.p.120:-(Dimeregramma & Odontidium informe.)  
 minima, R.E.D.p.120: (Odontid. Salisburghense.)  
 minor, Rab.E.D.p.120: (Stadosira pinnata.)-  
 var."a" gemina, Grun.1352p.363:  
 var."b" rhomboides, Grun.1352p.363:-(Formae minor & Odontid. a., var."a".)  
 var."g" dubia, Grun.1352p.363-7f3: Schum.1364p.17-2f3; Strose, Kleiker:  
 HIMALAYAE, E., Mik.p.103; Prit.p.777: R.E.D.p.121; Det.Syll.p.394;  
 HUNGARICA, Pantoc.3p. -3f123;  
 HYALINA, Grun.1352p.374; V.H.S.p.155-44f14,15; T.Nb.300; Malander;  
 Det.S.p.632: Herib.p.143:-(Diatomosira; -F.tenerrima; -Ralfsia.)--  
 var.major, Grun.1352p.274: (Diatoma hy.)  
 v.minor, Grun.1352p.374: (Diatoma vitreum.)--  
 v.vitrea, K.-Det.S.p.633: (Diatoma; -Diatomosira; -Frag.)--  
 v.minima, Rabh.-Det.Syll.p.333: (Diatoma, Frag., & Ralfsia n.)  
 HYEMALIS, Lyngh.Hyar.Tent.p.135,pl.33f"E": A.Synop.p.53; Cons.p.56;  
 Linnae 1333p.72: Flora Danm.pl.1957f1; Hass.Alg.p.414-93f5; A.M.N.A.  
 Vol.1p. -2f5; Mik.pls.7-3a,f22; 3-1f14: *Ag. 4p.1p.7*:  
 (Bacillaria Hungarica; -Diatoma; -Odontidium h. & mesodon.)--  
 HYEMALIS, Droy Bot.Gallie.: -*E.M.p.32*: (Odontidium Solierii.)  
 INFLEXA, E., Abh.Ber.1369p.49pl.1c,f3: Wollp.1.5f21: Det.S.p.692:  
 INFORMIS, W.S.-A.M.N.A.1357p.10-1f12: (Dimeregramma; -F. salisburghense.)--  
 INTERMEDIA, Grun.-V.H.S.pl.45f9-II; T.314; Herib.p.143: (Stadosira.)  
 ISCHABOENSIS, Grun.-V.H.S.pl.36f17; Det.Syll.p.695:  
 ISLANDICA, Grun.-V.H.S.pl.45f37; Cl.Nares; Vega 1.431; Cl.1.431:  
 v.hyperborea, Cleve Vega p.434;  
 JAPONICA, Pant.3p. -6f101:  
 JURGENSII, K.Syn.p.59: (Grammatonema.)--  
 KAVNENSIS, Pant.-Det.Syll.p.691: (Stadosira.)  
 KOCHII, Pant.3p. -13f235;  
 LAEVIS, E.-Amer.p.127; Mg.pl.13f71; K.B.1.46; K.S.A.1.15; Prit.p.  
 777: R.E.D.p.121; Det.S.p.691:  
 LAMELLA, E.-Mik.p.11; Prit.p.777: Det.Syll.p.692:  
 LANCETULA, Schum.1337p.52-1f4; V.H.S.pl.45f20; Det.S.p.637:  
 LAPPONICA, Grun.-V.H.S.pl.45f35; Kinnora; Det.S.p.693;  
 (F.brevistriata, & mitabilis, var.)- *a. Cl.1895p.36*:  
 LATRUNCULARIA, Lyngh.Hyar.Tent.p.132,pl.62:  
 (Diatoma; -Grammatophora marina.)--  
 LEGUMEN, E.-Mik.pl.12f34; Det.Syll.p.692;  
 LEPTOCEPHALA, E.-Abh.Ber.1353p.527; Mg.pl.35A-12f3;  
 (Diatoma anceps; -F. & Odontid. capitatum.)---  
 LEPTOCERAS, E.-Abh.Ber.1344p.82; Mg.pl.13f73; Det.S.p.692:  
 (Dimeregramma; -Odontidium.)--  
 LINEARIS, Castr.1337p.53-19f9; Notar.1339p.636; Det.S.p.637:  
 LINEATA, Lyngh.Hyar.Tent.p.134,pl.33; Morren,1326;  
 (Conferva; -Melosira Borreri, l., & varians.)  
 MAXIMA, O'M.I.D.p.233-27f16; Det.S.p.637:  
 MESODON, E.-Metzgeria.1330pl.2f9; Mg.pls.6-1f47a,b; III.15:  
 34-12f1a,b: (Diatoma & F.hyemalis; -Odontidium.)

+ minutissima, Gr. - a. cl. 1895 p. 36:

mutabilis, (Staurosira.) Brun alpes p. 119-4 f. 8:

MESOGONGYLA, E.-Abh.Ber.1853p.333,f43; Prit.p.777; R.E.D.p.121;

Det.Syll.p.393;

MESOLEPTA, Rab.Alg.Sachs.No.1041; R.Vryt.71.p.30; 1210.p.31-4111;

Eul.Sp.T.43; O'M.I.D.p.234; Sm.Sp.1.167; A.S.M.1836p. -If1;

(F.caespinea, var., & constricta.)--- *R.*

MESOTYLA, E.-Abh.B.1847p.434; Prit.p.777; R.E.D.p.121; Det.S.p.394;

MEXICANA, E.-DeToni, Syll.p.393;

(Stauroneis.)--

MICROCEPHALA, Part.2p.33-151222; Det.S.p.390; -(Achnanthes, Nitzsch.)---

MINIMA, Grun.1862p.374; Eul.Sp.T.No.44;

(Diatoma.)

MINOR, Part.2p.65-7f129;

MINUTA, Part.2p.66-4f60; Det.S.p.393;

(F.Laponica, v.)--

MINUTISSIMA, Grun.-V.A.S.pl.45f14; Det.S.p.390;

(F.italica.)---

MORMONORUM, Grun.-Det.Syll.p.391;

(Stauroneis.)

MULTIPUNCTATA, E.-Inf.p.205-15f15;

(F.caespinea.)

MUTABILIS, W.Sm.-Grun.1862p.369; Rabh.D.Ex.No.32; R.Alg.E.No.1025 sam;

R.E.D.p.113,f32(2); Schum.1.71.55; Italy: Eibar, 1871; Lanza, 1871;

Stroese, Kleiken; V.A.S.p.157-45f12; T.315; Belloe, Luchon: Cl.1891p.33;

Lake Michigan; Delogne; Wolle pl.47f18, 19; (Frag.elliptica, inter-

media, Laponica, minutissima, pinnata; -Odont. m., pinnatum, striolatum)

■ v. cuneata, Grun.-Herib.p.145: *N.H.S.*—

(Scaptoneis marina.)

■ v. diatomacea, Grun.1862p.369; R.E.D.p.119;

■ v. intercedens, Grun.-V.A.S.pl.45f13;

■ v. intermedia, Grun.1862p.369-7f9; R.E.D.p.119;

(F. & Stauroneis.)

■ v. subsolitaria, Grun.1862p.369;

■ NANKOURENSIS, Grun.1863p.95-12,f2; Fortm.Cey.p.50; Det.S.p.390; *Grevillea (p.)*  
(*Stauroneis*?)

NAVICULA, E.-Amer.p.127pl.1-3f3; W.B.p.46-29f63; V.S.A.p.15; Det.

Syll.p.391;

(Diadema; -Pleurosiphonia affinis.)---

NEWBERRYI, E.-Abh.B.1870p.56, pl.3-If12; Wolle 5f10; Det.Syll.p.337;

NITZSCHIOIDES, Grun.-V.A.S.pl.44f10; Det.S.p.394; Herib.p.149;

■ v. Brasiliensis, Grun.-V.A.S.pl.44f11; Herib.p.149;

NOCULOSA, E.-Abh.Ber.1844p.237: *mik. p.17*;

(Odontium.)

NORTHUMBRIA, Grun.-V.A.S.pl.44f17; Det.Syll.p.393;

NOVULOIDES, Lyngb. var. Tent.p.134pl.63f"e": (Coriava; -Stauroneis.)---

OCEANICA, Cl.1873p.22-4f25; Nares; Vega p.433; Det.Syll.p.335;

Grun.1834p.55-2f14a, b: *Cl.1897p.23*;

(F. arctica.)

OXYPTERA, E.-Mik.1856p.70; Det.S.p.392;

OXYRRHAMBUS, E.-Abh.Ber.1853p.333,f44; Prit.p.777; R.E.D.p.121;

Det.S.p.393;

PACIFICA, Grun.1862p.373-3f19; 1863p.143-14f3; 1863p.3; R.E.D.p.121;

Dannf.p.45; Petit Tab.B.p.3-3f2; Cl.1873p.71; Vega p.501; Fortm.Cey.

p.50; V.A.S.pl.44f20-22; Wolle pl.47f23-25;

(Ophiura.)---

Herib.p.147;

■ v. trigona, Brun & H.-Herib.p.147-If3;

PARADOXA, E.-Abh.Ber.1841p.143; Mg.11s.33-14f10; 33-15f13;

Wolle pl.47f16, 17;

(F. & Odontium Cretae.)

PATAGONICA, Cl.-Det.Syll.p.390;

(Stauroneis.)

PARASITICA, W.S.-V.A.S.pl.45f10; T.317; Wolle pl.47f11; 1210.p.110;

(*Synedra*?)

pectinatus, - (*Conf. clandestina*; - *C. lucens* Gattenmatta: -

> Pleiocena, v. *acutiformis*, Br. - L.D. 2, n° 16 p. 77-5 f 4:

*Phallosoma*, E. Momb. 1838 p. 103:



+ Striatula. Surg. Alg. Exs. Dec. 11, no. 31 -

SCHWARTZII, Grun. I333p. I43-I47; I333p.3: Italy; Cl. & M. I50; Vera p. 501; V.H.S. pl. 44f24: (Ophephora; -Sceptrotheis marina.)

SEMINULUM, E. -Abh. Ber. I343p. 5; Del. Syll. p. 392: *Mik. p.* :

SEMINUDA, E. ; Prit. p. 777: Del. S. p. 393;

SEPPES, E. -Mik. pl. 37-If3: (F. capucina.)

SEPULTA, Pant. 3p. -27f399;

SMITHIANA, Grun. -V.H.S. pl. 45fI; T. No. 3II; Del. S. p. 394;

(F. capucina; -Staurosira.) ----

SPECTIOSA, Grun. I332p. 333; Del. S. p. 390: (Odontidium.)

STAUROMIDEA, Schum. I334p. I7-2f7; Del. S. p. 337:

STRIATA, E. -Beitrag I33Ip. 33; Amer. p. I27pl. I-3f9:

(Diatoma & Odontidium hyemale; -F. striolata.)

STRIATULA, Lyngh. Hydr. Tert. p. I83pl. 33f"A": Linnaea I333p. 73: V. Syn. p.

53: Breb. D.C.: S.B.D. 2p. 43-33f293; Cl. I337p. 333; I338p. 2I9: Mull:

← O'M. I. D. p. 233; Lagr. I373p. I7; Sm. Sp. T. No. I33; V.H.S. pl. 44fI2: I33p.

p. I49; (F. aurea, Californica, diatomoides; -Nematoplatea argentea.) --

Grammatonema s. & Jurgensii; -Grammonema s., var.) --

STRIOLATA, E. -Kreid. I333p. I29; Meteorp. pl. 2fII; Amer. pl. I-3f9; Mg. pls.

I9f23, 24; 2If29a-c; 22f57; 23f53; Abh. 3. I339pl. Ie, fI; I370pl. 2-If55;

(F. intermedia, pinnata, striata; -Odontidium s. & vitreum.) -

STYLIDIVUM, E. -Abh. 3. I342p. 235: Prit. p. 777: R.E.D. p. I2I; Del. S. p. 393;

STYLUS, E. -Abh. Ber. I342p. 235; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 393;

SURIELLA, E. -Mik. pl. 39-3f54: (Dineregramma; -Smithella.)

*Swartzii*, Grun. I363p. I43-I47: I:

SYNEDRA, E. -Mik. pl. 39-3f30, 6I; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 392:

SYRIACA, E. -Abh. Ber. I340p. I6: (Odontium.)

TABELLARIA, O'M. -DeToni, Syll. p. 334: (Ralfsia.)

TABELLARIA, Cleve I333p. 2I9: (Odontidium.)

TAENIA, E. -Abh. B. I343p. 277; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 394;

TENERRIMA, Hib. p. 33; Cl. I333p. 220; (Diatoma hyalinum & vitreum.)

TENUICOLLIS, Heib. p. 32-5fI3; R.E.D. p. II9; M.T.P. I-3-I3: O'M. I. D.

p. 233; Del. S. p. 335:

TENUIS, Ag. Cons. p. 33; K. Syn. p. 53; Heib. p. 33: (F. capucina.) --

TESSELLA, E. -Mik. pl. 20-2f29; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 392;

THERMALIS, E. -Mik. p. I03; Prit. p. 777: R.E.D. p. I2I; Del. S. p. 394;

TRACHEA, E. -Amer. p. 33; Mik. p. I2; Prit. p. 777: R.E.D. p. I2I;

Del. Syll. p. 394; (Gaillonella sulcata.) -

TRANSYLVANICA, Pant. 3p. -2If3I7; 27f400:

TRICARINATA, E. -Del. Syll. p. 393: (Staurosira.)

TRIGONGYLA, E. -DeToni, Syll. p. 392: (Staurosira.) -

TRINODIS, Biley. -A.J.S. I342p. I03; Mik. pls. I6-2f37a, b; I6-3f2a:

I7-IfI6a, b; Del. S. p. 392:

TURGENS, E. -Abh. Ber. I343p. I70pl. 2; I340p. I6; I339pl. Ia, f4; Ie, f5;

I370pl. 2-If52; Mg. pls. I-3f33a-c; 7-If3; 3-IfII; I2fIa-a: I3-2f29a, b;

35A-22fII: R.E.D. p. I2I; Wille pl. 47fII: (F. catena.) --

+ undata,

" *f. stricta* - a. cl. 1895 p. 35:

" *f. tetanodis* - a. cl. 1895 p. 35:

+ virescens,

" var. exigua, Tolsta p. 437:

" " *oblongella*, forma clavata, V.H.S. pl. 44 f4:



TURGIDULA, E. - Inf. p. 204-15f15; Abh. B. 1359 pl. 1c, f15:

(*Odontidium hyemale*, mutabile & t.) ----

UNDATA, S.B.D. 2p. 24-60f377; A.M.N.H. 1355p. 9-1f7; Schum. 1337p. 51; R. E.D. p. 120; O'M. I.D. 1. 234; Cl. & M. 132; Sr. Sp. 1. 361; Kinnora; Cl. 1331 p. 7; 139Ip. 63; V.H.S. pl. 44f9; Herib. p. 149; *a. cl. 1895p. 35*:

(*F. binodis*, *constricta*, & *virescens*, var.) ---

var. "b" *panduraeformis*, S.B.D. 2p. 24-60f377b; R.E.D. p. 120; Herib. p. 149: (*Odontid. tabellaria*, sporangial, Grac.)

UNDULATA, Cramer, Hedw. Vol. 2p. 65-12f7; Prit. p. 777; R. Alg. 1441 sub; R.E.D. p. 120; Malaisie; Det. S. p. 694;

UNGARIANA, Grun. 1363p. 142-13f13; Hedw. Vol. 91. 63; R.E.D. p. 119; J.E.S. 1384p. 514-43f4, 5; M.T.P. 1-4-1; Det. S. p. 689: (*Staurosira*.)

"v. Abyssinica, Grun. - Bogos. p. 152; Notar. 1386p. 194; Det. S. p. 689:

UNIPUNCTATA, Lyngb. Hydr. Tent. p. 133 pl. 62f "C": (*Diatoma*; -*Striatella*.) --

VALIDIOR, Pant. 2p. 66-15f264, 265;

VENTER, E. - Mik. pls. 3-1f12; 9-1f6a, b, 7; 11f14; 13-1f4; 33A-14f3, 4a, b; 44f5. Abh. Ber. 1369 pls. 1a, f6; 1g, f3; 1"j" f15; Prit. p. 777; R.E.D. p. 121;

Grun. 1362p. 371-7f10; Italy: Wollé pl. 5f19; L. ---

(*F. gibba* & *construens*; -*Odontidium parasiticum*.) --

"v. fossilis, Pant. - DeToni, Syll. p. 691: (*Staurosira*.)

VENTRALIS, E. - Mik. p. 39; Prit. p. 777; R.E.D. p. 121; Det. S. p. 692:

VENTRICOSA, E. - Mik. p. 201; Prit. p. 777; Det. S. p. 692:

VENTRICULUS, E. - Amer. pl. 1-1f20; (*F. diopthalma* 3-

VIRESCENS, Ralfs. - A.M.N.H. 1343p. 110-2f6; Williamson p. 13-1f12; K.B. p.

46-16f4; K.S.A. p. 14; R.S.D. p. 33-1f1; Rab. Alg. Nos. 35, 549, 1491 sub; R. Bac. Exs. No. 1; Braemar; S.B.D. 2p. 22-35f297; Westendorp No. 300; Desm.

1, No. 1452; 2, No. 1052; Mathieu; Prit. p. 777-9f176; Grun. 1362p. 373-7f15;

Herib. p. 60; Schum. H.T. pp. 42, 55; Eul. Sp. 1. 42; Carr. p. 30; Roper, Thames;

R.E.D. p. 119, f32(1); Girard Foss. p. 12-2f4; Cl. 1337p. 363; 1333p. 219;

1331p. 7; 139Ip. 63; Italy: Hull; Nylander, w.: Manoury 1370pl. 2f9, 10;

Prollius p. 74; Kinnora; O'M. Kerg.: I.D. p. 232; Gallia, Papan; Delogne;

Petit & Leud.; liste p. 25; Lake Michigan; Borscow pl. 1f6; M.T.P. 1-3-

19; Belloc, Luchon; V.H.S. p. 155-44f1; T. No. 310; Ebert, Cassel; Petit,

1333: Brun Alp. p. 121-4f12; Hoffmann, Marburg; Wollé pl. 47f4-7; Spamer,

Duren; Det. S. p. 681; Herib. p. 147; *J. 2. C. 1370p. 41 - a. cl. 1895p. 35*:

(*Diatoma* & *F. pectinata*: -*Diatoma tenue* & var. <sup>pect.</sup> & *silphurea*; -*Frax.* <sup>pect.</sup> *aequalis*, *confervoides*, *constricta*, *hyemalis*; -*Staurosira aequalis*; -

"forma elongata, Perag. & H. - Herib. p. 143;

var. "b" S.B.D. 2p. 22-33f297b:

"v. diatomacea, Grun. 1362p. 384: (*F. undata*.)

"v. eunotiaeformis, Grun. - Cl. 1331p. 7:

"v. exigua, Grun. - Cl. 1331p. 7; Belloc, Luchon; Kinnora; V.H.S. pl. 41f2, 3:

Perag. p. 72; Cl. 139Ip. 63; Det. S. p. 682; Herib. p. 143: (*Frax. ex.*) --

"v. inaequidantata, Lagr. - Det. Syll. p. 682: (*F. aequalis*, v.) --

"v. oblongella, Grun. - V.H.S. pl. 44f4, 6; Malaisie;

"v. producta, Lagr. - Det. Syll. p. 682; *a. cl. 1895p. 35* (*F. aequalis*, v.)

"v. subsalina, Grun. - V.H.S. pl. 44f5;

"v. undata, Grun. 1362p. 373: (*F. undata*, "b" & "g").

"v. ventricosa, Perag. & H. - Herib. p. 143;

+ interposita, Oestrup 1897 p. 314-2 f 2:

linearis, Ag. - (V.H.S. 67 f 13-15) = Fitzschia: -

- FULVA, K.Synop.p.15-1f3; Breb.in Herbario Binder.: (Cymbella gastroid)  
 Cocconeis cistula; -Navicula microstoma; -Stauroneis microstauron.)---  
 GASTROIDES, K.Syn.p.15-1f9: (Cocconeis cyrtiformis; -Cymbella.)-  
 GEMINATA, K.Synop.p.16: (Navicula.)  
 GRACILIS, Jenner Flora Tunbridge wells; E.Mik.p.53: (Pinnularia.)  
 HAECKERIANA, Rabh.S.D.p.50-10f14; Prit.p.924;  
 HYALINA, Ag.-K.Synop.p.9: (Cymbella.)  
 INCOMPERTA, Lewis.-DeToni,Syll.p.273:-(F.interposita,v.: -Navicula.)  
 INCRASSATA, K.Synop.p.17-1f17: (Epithemia & Navic.gibba.)--  
 INFLATA, K.Syn.p.17-1f14: (Cocconeis gibba; -Navic.follis & i.)---  
 INFLEXA, Breb.Cons.p.13: (Nav.culvula.)  
 + INTERPOSITA, Lewis.-DeToni,Syll.p.273; Cl.Nav.p.123:-(Nav.i.& Martonii  
 " v.incomperta, Lewis.-Cl.Nav.p.123: (Frist.& Nav.incomp.)  
 " v.Julieni, Br.& Her.-Cl.Nav.p.123: (Nav.Jul.)---  
 " v.Labuensis,Cleve Nav.p.123: (Nav.L. & O'Mearii.)  
 JURGENSII, Ag.Cons.p.44; in *Jarg. & Ag. Dec. XVII* (Frist.Jurg.; -Cystodonta,  
 Epithemia & Eunotia turgida; -F.picta; -Synedra ulna; )  
 KUTZINGIANA, Rabh.S.D.p.50-7f6; Prit.p.924; (Synedra microcola.)---  
 LAEVISSIMA, ; Gallix, Papan;  
 LANCEOLATA, Ag.-K.Syn.p.14-1f13; K.Alg.Dile.Dec.VIII, No. 2:  
 Lagr. 1334p.49, f5: > Ag. flora 10p. 626. (Cymbella; -Navicula)  
 LATA, Breb.Cons.p.17: (18?) (Pinn. & Navicula.)  
 LATIFRASCIATA, Ag.-K.Syn.p.10: (Cymbella.)  
 LENS, Breb.Cons.p.13: (Cocconeis & Cymbella pediculus.)---  
 LEWISIANA, Grev.-DeT.Syll.p.273; Cl.Nav.p.123:  
 (Navic.: -VanHeurckia; -Navicula ?, in Lewis N. & I. F. p.343-1f3;  
 LIBRILIS, Jenner.-Flora Tunbr.wells: (Spirilla solea.)--  
 LINEARIS, Castr. 1837p.56-19f9:  
 LYNGBYI, K.Syn.p.29-2f32: (F., Podosphaenia,  
 Echinella & Styllaria cuneata; -Liemophora & Podosphaen.Jurgensii,v.)-  
 MACULATA, K.Syn.p.11-1f4; K.Alg.Dile.No.35; Lagr. 1334p.53, f3;  
 (Cocconeis cistulum; -Cymbella lunula & m.)--  
 MAJOR, K.Syn.p.19-2f25; (Nav.: Nav. & Bacillaria filva; -Bacill.conjugata)  
 MARTIMA, E.-Inf.p.232; K.B.p.109: (Phlyctenia m.)  
 MEMBRANACEA, Griff. & Hnf.-M.D.pl.41, f6:  
 MINOR, Ag.Syst.p.2; K.Syn.p.9: (Cymbella)  
 MINUTA, Rabh.S.D.p.50-7f4; Prit.p.924; (Synedra frustulum.)--  
 MULTIFRASCIATA, K.Syn.p.22-1f16; Lagr. 1334p.53:-(N.gracilis; -Spirilla.)  
 NEGLECTA, Thw.-DeToni,Syll.p.231: (Collettonera; -Schizonema.)---  
 NIDULANS, Breb.Cons.p. : (Cocconeis.)-  
 NITZSCHII, K.Syn.p.23-2f33;  
 (Sigmatella; -Bacillaria, Cymbella, Navicula & Synedra sigmoides.)---  
 NODOSA, Jenner, Flora Tunbridge wells; - (Navicula.)  
 NODULOSA, Breb.Cons.p.13: (Nav.: -Pinnularia teres.)  
 NOVILUNARIS, Ag., Bot. Zeitung, 1827; K.Syn.p.15;  
 OBLONGA, K.Syn.p.20-2f24; Breb.Cons.p.13; K.Alg.Dile.No.34; (7/8 sec  
 Lagr. 1334p.47: (Nav.gracilis & o.; -Pinn.)--

Jaxonica - M.M. J. 1875 pp. 32, 274 pls. 124, 125:

OBTUSA, Ag.Syst.p.I; Cons.p.44; K.Syn.p.I3:

(Denticula; -Echinella; -Synedra alna.)--

OCELLATA, Breb.Alg.Fal.p.

(Nav. & Pinn. oblonga.)---

OLIVACEA, K.Syn.p.23-243f; (Echinella; -Gomphonema; -Pinnation variata.)-

OPERCULATA, Ag.Flor. Danm. 1827p.627; K.Syn.p.7-If1:

(Cyclotella; -Cymbella; -Pyxidicula.)----

ORSINIANA, Meneg.-

(Cymbella.)

OVALIS, K.Syn.p.II-If5:

(Amphora; -Nav. amphora.)---

PALEA, K.Syn.p.24:

(Bacillaria; -Nav. gracilis.)---

PALUDOSA, K.Syn.p.29:

(Styellaria.)

PARASITICA, Ag.Syst.p.2: *Flor. Danm.* #947:

(Diatoma; -Exilaria; -Synedra alna.)--

PARVULA, K.Syn.p.23-If10:

(Navic. filix; -Synedra.)

PELLICULOSA, Breb.-Rab.E.D.p.127; Sr.Sy.T.No.171: *Grün. 183p.573-Syl 183ans nom.*

(Amphora; -Synedra microscissa, "b", & 200 is; *Navic.*

PELLUCIDA, K.Syn.p.I5-If11: K.Alg.Calc.Det.La: *Grün. 183p.574:*

(Amphipleura.)

PICTA, K.Syn.p.I3-If13:

(*F. Jurgensii*; ---

*Cystod. turgida*; -*E. lithia* (*Einotia*) p., *turgida* & *westermanni*.)

PUNCTATA, K.Syn.p.I3-2f29; -(Bacillaria striata; -Denticula puncta.)---

QUADRANGULA, Ag.Cons.p.45; Bot.Zeit. 1827; K.Syn.p.25; K.Sy.I.10;

Det.Syll.p.23I:

(Synedra alna.)

QUINQUEPUNCTATA, K.Syn.p.26-2f23: (Nav. splendens; -Surirella solida.)--

RHOMBOIDES, E.-Gallik, Papan; Cl. 189Ip.4I; Nav.p.122; Det.S.p.277:

(Navicula; -VanHeurekia.) *Cl. 1895p.15:*

" v. amphipleuroides, Grün.-Cl. 189Ip.4I; Nav.p.123; Det.Syll.p.277:

(Navicula (& VanHeurekia) r., var. ampl.) *Cl. 1895p.15:*

" v. crassinervis, Breb.-Cl. 189Ip.4I: *1895p.15:* (Var. Saxonica.)

" v. lineolata, E.-Cl. Nav.p.122:

(Nav. lin., E.)-

" v. Oregonica, Cl. Nav.p.122;

" v. Saxonica, Rabh.-Det.Syll.p.277; Cl. Nav.p.123;

(Frust.S.; -Nav. & VanHeurekia crassinervis.)

" v. viridula, Breb.-Cl. Nav.p.123;

(Colletonera; -VanHeurekia; -*F. torfacea*.)

SALINA, E.-Inf.p.232; K.B.p.109; K.S.A.p.96; Prit.p.924; Det.S.p.23I:--

SAXONICA, Rabh.S.D.p.50-7f1: R.Bac.Exc.No.42; R.E.D.p.217, 234; Prit.

p.924; M.D.pl.14f17; Grün. 183p.573; 1835; 10-If10; Prit.p.93-41

4-3; Borscow pl.211f; Sr.Sy.T.No.172; Prollins p.37-2f10, 11; *Gallik*

Unters.p.13-2f37-47; Malaisia; Schum.H.T.p.79; Lens Vol.I. 233; M.M.

J. 1874p.23; *1876pp.92, 139, 265; p.122, pl.130; 1877p.*

I, 173-185f "C": *Macdonald* pl.10f32; *Cincinnati Med. News* June, 1873;

*Am. Nat.* 1873p.443; 1876p.270; *Hoffmann, Marburg*; *Tanarek* 1879p.33, f10:

(Colletonema vulgare; -*F.* (& Navic.) rhomboides & var.)

" v. aquatica, Rab.E.D.p.227:

(*M. crassinervis*.)-

" v. torfacea, Rab.E.D.p.227:

(Frust.t.)

SCALPRUM, K.Syn.p.23:

(Cymbella; -Navic.; -Pleurosigma.)

SCALARIS, Breb.Cons.p.I3:

(Amphipleura rigida.)

SCAPHIDIUM, Breb.Alg.Fal.: Cons.p.I3; K.B.p.103; -(Einotia amphioxys.)

Fusotheca.  
Reinhard, 1882 in  
"

- SCULPTA, Rabh.E.D.p.227: (Naviculastraea & s.)-  
 SERIALS, Breb.Cons.p.I3; Germaz.I, No.907; 2, No.207:  
 (Nitzschia linearis & s.)  
 SIGMOTEA, Jenner, Flora Tunbr.Wells; - (Sigmatella nitzschii.)--  
 SPLENDENS, K.Syn.p.25-2f23; Lagr.I334p.50: (Synedra s. & ilra.)  
 STYRIACA, Grun.-Det.Syll.p.231: Cl.Nav.p.I22:-(Navic.: -Vanuereckia.)  
 SUBQUADRATA, Breb.Alg.Fal.pl.6: (Sinfrella minuta.)--  
 SUBTILIS, K.Syn.p.9-If2: (Nitzschia; -Synedra.)  
 SUBULATA, K.Syn.p.10-If3; K.Alg.Dile.Dec.IX: E.Mik.p.46;  
 (Closterium acutum.)---  
 TENUISSIMA, K.Syn.p.24-2f22:-(Bacillar.alna; -Frag.rhabdosoma; -Synedra)  
 TORFACEA, Braun.-Rab.S.D.p.50-7f2: Prit.p.924; R.Alg.No.751; Grun.  
 I360, 573: (Navic. &  
 Vanuereckia crassineervis; -F.rhomboides, v.virid., & Saxonica, var.)  
 TRIGANMA, Rabh.E.D.p.273: Det.Syll.p.279: (Navicula.)--  
 TURPINII, Breb.Cons.p.I3; K.B.p.69; -(Bacill.conjugata; -Pinn.majoi, v.)  
 ULNA, Ag.Cons.p.45; K.Syn.p.24-2f21; K.Alg.Dile.No.I: Harvey Man.,  
 p.204; Lagr.I334p.31, f1: (Frag.rhabdosoma; -Synedra & Bacill.)  
 VENTRICOSA, Ag., Flora Dann.I327; K.Syn.p.II-If7;  
 (Cocconeia gibbum; -Cymbella caespitosum, var., & v.)  
 VERMICULARIS, K.Syn.p.27-2f34; (Sigmatella; -Synedra.)  
 VIRIDIS, Ag.Syst.p.2: K.Syn.p.23; Hass.Alg.p.437-102f2:  
 (Bacillaria; -Pinnularia; -Frag.rhabdosoma.)--  
 VIRIDULA, K.Syn.p.23-If12; Breb.Cons.p.I3; Det.S.p.273:  
 (Colletonera; -Schizonema; -Vanuereckia; -Nav.rhomboides, v.)--  
 VULGARIS, Thw.-Cl.I391, 41; Nav.p.I22; Det.Syll.p.231:  
 (Colletonema; -Vanuereckia; -Nav.v., & dirrhynchus.)  
 v.asymmettica, Cleve Nav.p.I22-5f29:

GAILLONELLA.---(Bory, 1822.)-

- , A.J.S. 1845p.322-4f7-9:  
 -, A.J.S. I342p.92-2f3:  
 -, E., Abh.Ber.I371p.1b, f9: -, E.Mik.pl.IIf8p:  
 -, E., Mik.pl.33A-9f2: 38-11f4:  
 APICULATA, E.-Abh.Ber.I353p.302:  
 ARCTICA, E.-Abh.B.I353p.528; Mg.pl.35A-4f1, 2: (Melosira.)-  
 ARENARIA, Bellec, Lichen p.33<sup>3</sup>f12: (Mel.: -Orthosira.)--  
 ASPERULA, E.-A.Ber.I343p.253;  
 AURICULACEA, E.-Inf.p.I33-10f3; Arct.p.1.4-If2; Mg.pls.4-2-2 3-2121a-c;  
 3-4f33a, b; 20-2f23; 2f25; 21119; 3-423: 35A-10f1; 2-4 3 35A-  
 I312; Breb.Cons.p.10; A.J.S. I342p.90-2f4; Bellec.Lichen: 13-12-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-2225-2226-2227-2228-2229-2230-2231-2232-2233-2234-2235-2236-2237-2238-2239-2240-2241-2242-2243-2244-2245-2246-2247-2248-2249-2250-2251-2252-2253-2254-2255-2256-2257-2258-2259-2260-2261-2262-2263-2264-2265-2266-2267-2268-2269-2270-2271-2272-2273-2274-2275-2276-2277-2278-2279-2280-2281-2282-2283-2284-2285-2286-2287-2288-2289-2290-2291-2292-2293-2294-2295-2296-2297-2298-2299-2300-2301-2302-2303-2304-2305-2306-2307-2308-2309-2310-2311-2312-2313-2314-2315-2316-2317-2318-2319-2320-2321-2322-2323-2324-2325-2326-2327-2328-2329-2330-2331-2332-2333-2334-2335-2336-2337-2338-2339-2340-2341-2342-2343-2344-2345-2346-2347-2348-2349-2350-2351-2352-2353-2354-2355-2356-2357-2358-2359-2360-2361-2362-2363-2364-2365-2366-2367-2368-2369-2370-2371-2372-2373-2374-2375-2376-2377-2378-2379-2380-2381-2382-2383-2384-2385-2386-2387-2388-2389-2390-2391-2392-2393-2394-2395-2396-2397-2398-2399-2400-2401-2402-2403-2404-2405-2406-2407-2408-

Crenata, Mik 5-3+47:

7 Dickiesi, Thw. - Petit, Cap. Horn:  
"forma Chiliensis, Gn. - Pet., Cap. Horn:

8 granulata, Mg. pl. 33-13+11:

9 var. Australiensis, Gn. - Petit, Cap. Horn. - (Mik.)



- CAMPYLOSIRA, E. - Mik. pl. 35A-136, f1-3: (Melosira.)
- CARINATA, E. - A. h. Ber. 1344p. 163;
- CIRCULARIS, E. - Mik. pl. 35A-965;
- CORONATA, E. - Abh. 3. 1345p. 154; M. pl. 33B-2215: - (Mel. e., & silicula, var.)
- COARCTATA, E. - Amer. pls. 3-3f12; 3-3f9: (Mel. e. & circularis.)
- COSTATA, Petit Nimrod: (Mel.: - Skeletonema.)
- CRENATA, E. - Abh. Ber. 1344p. 195; 1371pls. 1b, f10-12; M. pls. 1-3f23; 2-2f2; 2-3f32; 3-1f25; 3-4f34; 4-2f31a, b; 5-1f30; 6-1f51; 7-1f53b; 9-1f12, 13; 11f4a, c, d; 12f11a, b; 13-1f52; 13-2f40a, b; 17-1f53b; 17-2f17; 33-1f49; 33-3f7-9; 33-14f11; 33-7f11; 33-12f19; 34-3f3; 35A-10f2; 35A-14f1; 37-2f7; 37-1f10; 39-1f7-9; 39-2(1)fAb; Weiss: 1351p. 241-1f12; Guano p. 306-2f33: (Mel. Italica.)
- CRENULATA, E. - Abh. B. 1354p. 1: Amer. pls. 2-1f4; 3-1f23; 4-1f31; Petit, 1333: (Mel. e., & Italica, var.)
- " v. valida, Petit 1333p. 5-4f16;
- CROTOMENSIS, Bail., N. Sp. p. 9: - (Mel. e. & Italica; - Orthosira brachialosa.)
- CUNEATA, E. - Abh. Ber. 1369pls. 1" a" f6; 1" b" f1, 5;
- CURVATA, E. - ; Prit. p. 322;
- DECUSSATA, E. - Abh. 3. 1343p. 167; 1371pls. 1" b" f5; 1" c" f5; M. pls. 3-2f5; 13-2f30-a; 14f90; 35A-11f2; 39-3f32; A. J. S. 1351, f5; Weiss: 1351p. 273-1f15a: (Melosira.)
- DIGITUS, E. - Mik. pl. 5-3f2;
- DISTANS, E. - Inf. p. 170-2f4; Poggendorf. Ann. 1836 11. 3f5; Amer. pls. 2-1f42; 11f5; M. pls. 1-3f22a, b; 2-3f31a, b; 2-2f11; 3-4f35; 3-1f25; 3-2f22; 4-1f20; 4-2f30a-c; 4-3f29a-c, 30; 5-1f29a-c; 5-2f23; 5-1f50a-f; 7-1f29, 30; 7-2f19; 7-3b, f1b; 7-4f4; 8-1f23a-e; 3-3f1; 9-1f11a-e; 9-2f1, 2a-e; 10-1f2; 10-2f20; 1-1f13; 7-3a, f3; 11f1a-g; 12f10a-c; 13-1f31b, c; 14f33; 15B, f1a, d; 15-1f47; 15-2f39; 15-3f20a-c; 17-1f53a-e; 17-2f43a-a; 33-(1f3, 3f5, 7f12, 13, 10f14); 35A-(7f3, 7, 15f4); 37-5f1; 38A-(7f4b, 3f3-3, 15f12, 15f7, 3, 17f24); 39-(1f3, 7, 2f49, 3c, 9b, 12a); 39-(2f4b, 5b, 6Aa); A. J. S. 1342p. 91-2f5; 1351p. 1. 5f7; Weiss: 1351p. 273-1f15c; (Mel.: - G. Gallica, halophila, trachealis.) ----
- FERRUGINEA, E. - Inf. p. 159-10f7; A. J. S. 1342, p. 93; K. B. p. 55; a. Schult. 1852 (Gloeotila ferruginea: - a. Schmid: [anonyma 1853p. p. 80-1f1-1f2])
- GALLICA, E., Abh. Ber. 1336p. 119, 132; M. pl. 9-2f2a-e: - (Mel. G. & distans.)
- GEMMATA, E. - Mik. p. 74; Prit. p. 322;
- GIBBA, E., Abh. Ber. 1343p. 44; Prit. p. 322;
- GRANULATA, E. - Amer. p. 127; M. pls. 2-1f4; 5-1f29a; 11f4b; 12f12; 13-1f31a, b; 14f91a, b; 15A, f2, 3a, b; 15B, f1a, b, c, f; 32-2f9c; 33-1f11; 33-2f15; 34-7f5; 34-3f7; 39-1f1; 39-2f2c, 3d, 7a, 3a, 3Ba, 39-3f35; A. J. S. 1370, pls. 2-2f3; 3-1f4, 5; 1371pls. 1a, f1; 1b, f3; 1c, 1f, 2; 1d, 13; M. pl. 39-2f1Aa; A. J. S. 1351, pl. 1f2; Petit, Cap. 11. 1f2: - (Mel. G. & decussata.)
- " var. "b" maxima, E., Mik. pl. 35B-1a, f3;
- " var. spiralis, Petit, 1333:
- HALOPHILA, E. - Mik. pl. 37-5f1: (G. distans; - Melosira.)
- HOROLOGIUM, E. - Abh. B. 1343p. 3; M. pl. 33-2f17: - (Melosira; - Skeletonema.)
- ITALICA, E. - Inf. p. 171-10f6: (Melosira l. & crenulata, var.: - Orthosira brachialosa.) --

17.

Scala, E. mik. 8-1f24: 8-2f19.

Sculpt. 33-12f20, 21.

GAILLONELLA. ---

- LAEVIS, E., Mik. pls. 9-1f10a, b; 14f37a, b; 33-1f9; 33-14+12: 35A-13a, f3;  
Abh. Ber. I339pl. I" i" f3a: (Biddulphia; -Mel. l. & Rossetana.)  
var. "b" inflata, E., Mik. p. 201pl. 35-1f10:  
var. strumosa, E., Mik. p. 77:  
LAMINARIS, E., Mik. pl. 39-3f64:  
LINEATA, E., Inf. p. I37-10f2c; (Mel. boryeri, boryensis, l. & boryiformis.)  
LINEOLATA, E., Abh. B. I345p. 43; Prit. p. 322:  
LIRATA, E., Amer. p. I27: -Mg. pl. 2-3f33a, f4; a -  
Abh. Ber. I37Ipls. Ib, fI, 2; Ig, f6: (Melosira.) ---  
v. biseriata, Petit I333p. 5-4f2I: (Mel. b.)  
v. lacustris, Petit, I333p. 5: (Melosira l.)  
formae tenuiores, Petit, I333: -(Mel.) --  
MARCHICA, E., Abh. B. I34Ip. 415: Mg. pls. 3-1f52a, b; 3-2f6; 9-1f9a, c; I41  
39: I3-2f2a, d, 3a: 39-1f2: -(Mel. granulata, m., varians, decussata, var.)  
MARYLANDICA, E., Mik. I356p. 70:  
MESODON, E., Mik. pl. II fI3: (Melosira.) --  
MONILIFORMIS, Bory Diet.: E. Inf. p. I33-10f5; Amer. pl. I-3f23, 24;  
A. J. S. I342p. 39-2f3; Cole, Essex; (Mel. m. & nummuloides.)  
NILOTICA, E., Mik. p. I92; Prit. p. 322;  
NOVAE-HOLLANDIAE, E., Mik. p. I2; Prit. p. 322;  
NUMMULOIDES, Bory, I324: E. Inf. p. I37-10f3, 5; II fI; 2IfI; Mik. pls.  
33A-10 f6: 33A-IIa, f4; Prit. I352pl. I4fI4: Det. Syll. p. I33I;  
(Conferva monil.: -Fragilaria; -Mel. discigera, n. & salina.) -  
var. elesuiana, Pant. -Det. S. p. I33I:  
v. hyperborea, Grun. -Det. S. p. I332: -(Mel. arctica, Dickie.) ---  
OCULUS, E., Abh. Ber. I344p. 202; (Mel. o. & sol.)  
PILEATA, E., Abh. B. I344p. 202; Mg. pl. 35A-2IfII:  
PLANA, E., A. Ber. I345p. I54: (Melosira.)  
PLICATA, E., Abh. B. I339p. 49pl. 2-2f23;  
PROCERA, E., Abh. B. I342p. 27I: I37Ipls. Ib, f4; Ia, f7; Mg. pls. I5A, fIa-a:  
I5B, f2; 33-1f12; 33-2f16; 34-7f4; 35B-2a, f4; 33A-19fI; 39-1f3, 4;  
39-2f54, 3Ab, 7b, I2b, IIa, 3c, 4c, I0c: Weisse I35Ip. 273-1f15b; A. J. S.  
I35I, f4: Carp. I33Ip. 363fI92: (Mel. granulata.)  
PUNCTATA, E., Abh. B. I343p. 5; I37Op. 56; Prit. p. 322: (Mel.) --  
PUNCTIGERA, E., Abh. B. I342p. 339; I37Op. 2-2fI, 3; 3-1f2, 3; Mik. pls.  
33-12f9b-i: 33-15f5x: 12f9b-i: 33-15f5x: (Mel.)  
SOL, E., A. Ber. I344p. 202; Mik. pl. 35A-22fI2: (Mel.)  
SPHAEROPHORA, E., Abh. Ber. I339p. 49pl. 2-2f22:  
SPIRALIS, E., Abh. Ber. I345p. 77: Mik. pl. 33-12f22; Geby, Diac. Tern.:  
Atlas I3If67, 68: (Mel.) ---  
SUBTILIS, Breb. Cons. p. I0: - (Melosira tenuis.) -  
SULCATA, E., Inf. p. I70-2If5; Amer. pls. I-1fI7; 3-7f9; Abh. B. I340p. 72-3f5;  
I37Op. 26; Nora. p. -2f29; Mik. pls. I3fIa-c; 20-1f26a-c; 20-2f27; 2If  
22a, a; 22fI3; 33-141I3; 33-151I5; 33-13fI2, I2x: 33-171I6, I0x; 35A-  
17fII, I2; 35A-13f8; 35A-19af; 35A-23f9a, b; 33B-22f4; A. J. S. I342p. I.  
2f7; I353, p. I; Weisse G. p. 500-2f39; I351. 24I-1fII; Petit, Miroba;  
(Frag. trachea; -Melosira; -Paralia.)  
TAENIATA, E., Mik. pl. 39-3f65: (Melosira.)

varians, E. - abh. B. 1836 p. 130: Ma. pl. 33-36;  
Mon. B. 1836 p. 55:

+ media,

„forma meiocena, Br. - L. D. vol. 2, n.º 22, p. 237-19 f. 78:

- TENERRIMA, E. - Abh. Ber. 1342p. 271; 1371pls. Ia, f2; Ib, f7; Mik. pls. 15A, f4a, b; 35B-Ia, f4; 39-If5; 39-2f1 "Bo", 3Aa: (Mel. ~~parilata~~.)
- TINCTA, E. - Mik. p. 70: Prit. p. 322;
- TERNATA, E. - Abh. Ber. 1369p. 49pl. 2f2I:
- TRACHEALIS, E. - Mik. pl. 3-2f13: (G. distans; -Mel.)
- TYMPANUM, E. - Abh. B. 1344p. 202; 1370pls. 2-2f4, 5; 3-If6, 7: (Mel.) ---
- UMBONATA, E. - A. Ber. 1372p. 194;
- UNDATA, E. - ; Prit. p. 322;
- UNDULATA, E. - Abh. B. 1340p. 17; 1370pl. 3-If1; Mik. pls. 11f2, 3; 12f9a; 15A, f3d; 15B, f3; (G. varians; -Mel. (Orthosira) u. & arenaria.)
- VAGINATA, E. - Mik. p. 140; Prit. p. 322;
- VARIANS, E. - Inf. p. 167-10f4; 2If2; Mik. pls. 1-If14; 5-2f29a, b; 7-3a, f 5-1422, 1a-d; 7-2f13; 7-3b, f15; 7-4f5; 7-5f3; 8-2f20; 3-3f2; 13-1f29a, b; 13-2f1a-f; 14f92; 16-2f41; 16-3f21; 34-6a, f4; 36A-9f5; Abh. B. 1369pl. 1 "i" f3; 1370pls. 2-If25; 3-If3; A. J. S. 1342p. 91-2f6; Belloc, Lichon; (G. undulata; -Mel. v. & subflexilis; -Mel. & Orthosira arenaria.)
- VERMICULARIS, Breb. Alg. Ital. :-(Mel. arenaria.)
- VIRGINICA, E. - Mil. 1356p. 66:
- WESTII, W. S. - Bull. Soc. Moscou 1392; DeT. Syll. p. 1332: (Lysigonium: -Melosira; -Orthosira.)
- WRIGHTII, O' M. - DeToni, Bull. Soc. Imp. Moscou, 1392, No. 1: DeT. S. p. 1332;

## GEPHYRIA. ----- (Arnott, 1858) -

- CASTRACANEI, Fortm. - Ann. Bot. Buit. 1392p. 3-2f3:
- CONSTRICTA, Grev. - T. M. S. 1366p. 77-3f2; Woll. pl. 6If3; DeT. S. p. 775:
- DYERANA, O' M. - J. L. S. 1377p. 59-If10; DeT. Syll. p. 775:
- GIGANTEA, Grev. - T. M. S. 1366p. 122-11f7, 8; Castr. 1337p. 42-15f10; Brun. & T. p. 71; Woll. pl. 6If1, 2; DeT. S. p. 775:
- HARVEYI, O' M. - J. L. S. 1366p. 135; DeT. Syll. p. 775:
- INCURVATA, Arnott. - M. J. 1360p. 20; Prit. p. 309-4f50; Grun. 1366p. 6; Sm. Sp. T. 173; J. Q. C. 1386p. 325; *Petit, Cap Horn. M. J. 1858 p. 164*: (Achnanthes costata; -Entopyla Australis & i.; -Eupleuria.) --
- JAPONICA, Woll. pl. 34f15, 16;
- MEDIA, Arnott. - J. Q. M. S. 1360p. 20; Prit. p. 309-4f49; Grun. 1362p. 429; R. E. D. p. 303; Cl. & M. No. 133; Sm. Sp. T. No. 662; M. T. P. I-6-10, II; J. Q. C. 1385p. 163; DeT. S. p. 775; Witt 1333p. 16-4f15-17; Malaisie; Woll. pl. 6If4, 5; -(Achnanthes angustata; -Eupleuria; -Scapha clathrata.)
- TELEAIRIAE, Arn. - J. Q. M. S. 1360p. 20; Prit. p. 309; Grun. 1362p. 429; R. E. D. p. 303; Ann. Bot. Buit. 1392p. 7-If1a, b; DeT. S. p. 775: (Eupleuria.)
- Q. J. M. S. 1858 p. 164*:

## GIRODELLA. ----- (Gaillon, 1825) -

- COMOIDES, Gaillon. - Annales Sci. Nat. Vol. I, p. 313; Ag. Bot. Zeitung, 1825p. 594; (Schizonema Smithii, "b".)

## GLOIODICTYON. --- (Agardh, 1830) -

- BLYTHII, Ag. Cons. p. 26; K. Syn. p. 63; K. B. I. 119: -(Schizonema: <sup>reticulata</sup> -Non-Clat.)

Gloeotila, Kz. 1853?

ferruginea, Kz. Phyc. Germ. p. 191; K. S. a. p. 363:  
(Gaillonella: Melosira minutula.)

Glyphodesmis.

distans, forma minor - V.H.S. p. 36 f 16:

+ Margaritacea, atlas 209 f 51-53;

Murrayana, atlas 209 f 42, 43;

ARCUS, E. -Abh. Ber. 1853p. 333, f23:

GRACILE, E. -Mik. 1853p. 70:

HEUFLERI, Meneg. -V.B. p. 43; Men. A.N.D. p. 338; -(Diatoma Ehi and Apil.)----

PARADOXUM, E. -Inf. p. 237; Mq. pls. 35A-7f3, 9; 35A-3fI: -(Ency.: - 7

PYGMAEUM, E. -Mik. 1853p. 70:

SIGMOIDES, E. -Abh. Ber. 1845p. 78: (Encyonema.)

SINENSE, E. -Abh. B. 1847p. 484; Mik. pl. 34-7f2:

VIRGINIANUM, E. -Mik. 1853p. 70: (Encyonema.)

## GLOTONEMA.----- Aq. 1----- Frien, 1825, p. 350:

APICULATUM, Grev. -Scottish Flora pl. 30: Schiz. (Microgonia.)----

FUCICOLA, Bonnem Mss.; Ag. Cons. p. 31:

GLOBIFERUM, Ag. Cons. p. 31: (Encyonema.)-

LEIBLEINII, Ag. Cons. p. 31: (Ency. &amp; Gloeonema paradoxum.)----

PARADOXUM, Ag. Cons. p. 31: Syst. p. 10: Lym. pl. 70:

Lymbye, Hydr. Tent. p. 212, pl. 70: (Gloeonema.) -

SIGMOIDEUM, E. -Hall list: -(Endosigma, Pleurosigma &amp; Collatorama eximium.)

VERMICULARE, Ag. Cons. p. 31: (Encyonema.)

## GLYPHODESMIS.--- (Grev., 1862)---

-, Castr. 1837p. 44-19f10:

ADRIATICA, Castr. 1873p. 22, f3; Schm. N.D. p. -3fII, 12:

(Diademes &amp; G. Williamsi.)-

CHALLENGERENSIS, Castr. 1837p. 44-13f13; Notar. 1839p. 333; Det. S. p. 715:

DISTANS, Grev. -(Grun.), V.H.S. pl. 36f15; 157 Woll. pl. 45f21, 22; Villef. p. 34; Det. Syll. p. 715: (Denticula; -Dimeregramma.)----

ELONGATA, Cl. &amp; Gro. -LeD. Vol. 2p. 56-3f12-14; Det. S. p. 715;

EXIMIA, Grev. -Q.G.M.S. 1832p. 235-10f7-10; R.E.D. p. 260; Cl. 1873p. 10:

Det. Syll. p. 715; Atlas 210f9-18;

FUSIFORMIS, Cl. &amp; Gro. -LeD. Vol. 2p. 57-3f13; Det. S. p. 717:

INTERSPIRALIS, Brun. -LeD. No. 12p. 175-24f10a, c:

+ MARGARITACEA, Castr. 1837p. 44-13f10; Notar. 1839p. 333; Det. S. p. 715:

MARGINATA, Gro. &amp; St. -J.Q.C. 1836p. 323-13f3; Notar. 1837p. 347;

Det. Syll. p. 717:

+ MURRAYANA, Castr. 1837p. 45-13f12; Notar. 1839p. 333; Det. S. p. 715:

WILLIAMSONI, W.S. -(Grun.), V.H.S. pl. 36f14; Woll. pl. 45f23, 24;

Det. Syll. p. 715: (Diademes; -Dimeregramma; -G. Adriatica; -

Himantidium: -Heteromphala (Plagiogramma) himantidium &amp; Loetzii.)-

## GLYPHODISCUS.--- (Grev., 1862).---

BIPUNCTATUS, A.S., Atlas 149f15; Det. Syll. p. 1035;

GRUNOWII, A.S. Atlas 32f6; Woll. pl. 73f10: (G. stellatus, v.)----

v. lacunosa, Temp. -LeD. Vol. 2p. 70-11f5: (G. stellatus, v.)

OAMARUENSIS, Grun. -Atlas 125f20: -(Debya &amp; Rattrayella.)

SCINTILLANS, A.S., Atlas 30f7; J.Q.C. 1837p. 10: (Rattrayella Jan.)----

SIMBIRSKIANUS, Grun., Atlas 125f13, 19: -(Debya &amp; Rattrayella Jan.)-

Gomphonitis.

cantollica, Bon. & Her. - atlas 216 f 1, 2: - (Gomphonema.)

herculeana, v. septiceps, A.S., Atlas 215 f 13, 14:

† <sup>dia:</sup> abbreviatum

" v. Brasiliense, Gn. - V.H.S. pl. 25 f 17: - (Gom. Br.)



STELLATUS, Grev., T.M.S. 1852p. 91-9f5; R.E.D. p. 319; Atlas pl. 30f1-4; II7fII; I49fII4; J.Q.C. 1837p. 10; Wille pl. 76f3, 9; DeT. S. p. 1034;  
 (Var. Grunowii, DeToni, Syll. p. 1035: (G. Grunowii.) --  
 v. major, Grun. - V.H.S. pl. II3f3; DeT. S. p. 1035;  
 STRIGILLATUS, A.S., Atlas I49fII6; DeT. Syll. p. 1035.

## GOMPHOGRAMMA. -- (Braun, 1853, 1854)

RUPESTRE, Braun. - Rabh. S.D. p. 33, pl. 9; R. Alg. Nos. 624, 1245; A.M.N. 4. I357p. 12-1fII7; Prit. p. 306-4f46; R.E.D. p. II6, f3I; Schum. H. 1. p. 56-1fII: Sm. Sp. T. I74; M.T.P. 2-I-2:  
 (Denticula thermalis, v.: -Tetracyclus Braunii & r.)

## GOMPHONEIS. ---- (Cleve, 1893)

ELEGANS, Cleve Nav., p. 73: (Grun.) Atlas 215f1-11: (Gomphonema.) --  
 HERCULEANUM, E. - Cl. Nav. p. 73: Atlas 215f10, 12: "  
 v. clavata, Cl. Nav., p. 74: Atlas 215f4-9:  
 v. robusta, Grun. - Cl. Nav. p. 74: Atlas 215f11: (Gomphonema H., var. r.) ---  
 MAMILLA, E. - Cl. Nav. p. 73: - (Gomphonema Oregonicum, v. maxima; -Gomphonema m.)  
 Atlas 215f1-3:

## GOMPHONELLA. --- (Rabh., 1853, 1854)

ANGUSTA, Rabh. S.D. p. 61-9f2: (Gomphonema olivaceum.) --  
 LENORMANDII, Rabh. S.D. p. 61-9f3: (Gomphonema; -Sphenella.) --  
 OLIVACEA, E. - Rabh. S.D. p. 61-9fII; R. Alg. Nos. 232, 1035; Gallik, Papan;  
 R.E.D. p. 291, f72: - (Echinella; -Exilaria minutissima; -Gomphonema.) --  
 PARVULA, Rabh. S.D. p. 61-3f7: (Gomphonema; -Sphenella.)

## GOMPHONEMA. ---- (Agardh, 1824)

-, A.J.S. July, 1842p. 5-3f5, 7: { L.E.D. Vol. 2, No. 21p. 172-10f12; -, Pfitzer p. 33:  
 -, A.M.N.H. I357p. 344-22(2)fI: { 11f1-5, 8-13, 15, 16; -, Tanarek I379p. 39:  
 -, E., Abh. Ber. I370pl. 2-1f43a, b: { 12f6: - p. 13. - -, pl. 2-2f7:  
 -, Meneg. A.N.O. p. 412: { 12f6: - p. 13. - Petit Class., 14:  
 -, T.M.S. I377pl. I37f4; { 12f6: - p. 13. - -, E., Mik. pl. 33A-I5f9:  
 -, Williamson p. I3-1fI3, I4; { 12f6: - p. 13. - DeToni, Oss. Bac. p. 339:  
 -, Kirchner Alg. Schliesens p. I9I: { 12f6: - p. 13. - -, DeT. Syll. p. 419:  
 ABBREVIATUM, Ag. Cons. p. 34; Leiblein Regensburg Flora Vol. 1p. 324, f3:  
 K. Syn. p. 44: K.B. p. 34-3f6; K.S.A. p. 64: R.S.D. p. 53-3f20; R. Alg. No. 75:  
 Marissal; Prit. p. 339: R.E.D. p. 235; Braun Alp. p. 33-3fI3; Gallik, Papan;  
 V.H.S. pl. 25fI6; Hoffmann, Marburg; Lagr. I334p. 40; Spaner, Duren; Cl.  
 I39Ip. 50; Navic. p. I39: Grun. I373p. I3; DeT. Syll. p. 43I; Herib. p. 3I;  
 (G. Brasiliense, minutissimum, pachycladium; -Echinella crenulata & a.:  
 Liemophora a. & minuta: Gomph. brev.; -  
 var. "a" brevipes, K.B. p. 34-3f5;  
 var. "b" longipes, K.B. p. 35-3f5a; I4fI, 2, 4(2a-c); Prit. p. 339:  
 R.E.D. p. 235: Braun Alp. p. 33-3fI7; Malaisie: (G. rotundatum.)  
 v. sphenelloides, Rabh. E.D. p. 235: (G. sphen.)

*Acuminatum*, E. - a. Cl. 1895 p. 22: Mon. B. 36 p. 56:

*Acuminatum*, E. - a. Cl. 1895 p. 22:

+ " v. *Prebissoni* - V.H.S. pl. 23 f 23, 24:

" " " *forma constricta*, V.H.S. pl. 23 f 25, 26:

+ var. *coronata*, Tolsta p. 431: a. Cl. 1895 p. 22: Cl. Nov. p. 184:

var. *Elongata*, V.H.S. - a. Cl. 1895 p. 22: V.H.S. p. 7. 23 f 22:

> *forma lacinata*, a. Cl. 1895 p. 22 - f 17:

+ var. *laticeps*, Tolsta p. 431

ACUMINATUM, E. - Inf. p. 217-13f4; Mik. pls. 4-2f4I; 3-1f34; 14f74a, b; 15A, f37a, b; 15B, f34b; 16-2f43; 16-3f34; 17-1f52; 17-2f34; 34-12b, f10a-c; 37-1fII; Beitr. 1339p. 704; A. J. S. 1342p. 5-3f6; Hass. Alg. p. 422-99fI; K. B. p. 36-13fI(7); K. S. A. p. 36; R. S. D. p. 60-3fI3; R. Alg. Nos. 322, 1343; M. J. 1354p. 99-4fI3; Desmaz. Ed. I, No. 1453; 2, No. 1033; Cole, Essex; Mull; Marissal; Prit. 1352pl. 13f23; S. B. D. Ip. 79-23f233; Prit. p. 337-13f23; Heib. p. 95; Schum. H. T. p. 43; Arenig Bach; Carr. p. 103; Lil. Sp. T. No. 47; Roper, Thames; Hull; Kirch. Alg. Schl. p. 192; Cl. 1333p. 230; 1391p. 43; Nav. p. 134; K. & Z. p. 14-1fI7; Socotra; Prollius p. 53; M. T. P. 2-3-4, 5, 6; Macdonald pl. 10f22; Kinnora; Nylander, W.: Grun. 1373p. II: Malaisia; Sm. Sp. T. 175; Petit & Leda.; liste p. 17; 1333pl. 4f2; Lake Michigan; Lagr. 1373p. 40; Atlas 72f10; Hoffmann, Marburg; Brun Alp. p. 39-3f4; V. H. S. p. 124-23f14; Dannf. p. 22; Perag. p. 54; Gerling pl. 1f3; Del. Syll. p. 423; Bellec, Lichon pg. 44-3fI7; Herib. p. 53; *Tolsta p. 427-29f5a* - (G. clavus, Americanum, appendiculatum, Brebissoni, minutum; -

- \* forma Brebissoni, K. - Cl. Nav. p. 134: - (G. Breb.: - G. acum., p. p.) - (f. 13)
  - \* forma coronata, Cl. Nav. p. 134; (G. Acuminat., p. p., & var. laticeps.)
  - \* var. "b" coronata, W. S., S. B. D. Ip. 79-23f233b; Braemar; R. Alg. 363; S. G. 1337p. 13fI9I; Carr. p. 103; R. E. D. p. 290; Petit liste p. 17; Kirch. Alg. Schl. p. 192; Tanarek 1379p. 40fIIa, 19a; V. H. S. p. 124-23f15; Perag. p. 54; Wille 23f23; Del. S. p. 424; Herib. p. 54: - (G. appendiculatum & e.)
  - \* var. "g" nasutum, Schum. 1362p. - 9f23: (G. nas.) -
  - \* var. "d" elongat~~um~~, Carruthers p. 103; R. E. D. p. 290; Petit liste p. 17; Cl. Nav. p. 134: (G. Brebissoni, p. p., & e.) -
  - \* v. capitata, Carr. p. 103; S. G. 1367p. 13I, fI92: (G. cap.)
  - \* v. clavus, E. - V. H. S. pl. 23f20; Herib. p. 54: (G. clavus; - G. acum., & forma Breb.)
  - \* v. constricta, Carruthers p. 103:
  - \* v. cuneata, Carruthers p. 103;
  - \* v. intermedia, Grun. - V. H. S. pl. 23f2I: Lake Michigan; Wille pl. 23f27; Herib. p. 54: (G. acuminatum, "g".) -
  - \* v. laticeps, V. H. S. pl. 23f17; Wille pl. 23f22, 23; Herib. p. 54: A. M. M. J. 139Ipl. 1f9: - (G. lat.: - G. acum., forma coronata.)
  - \* v. linearis, Carr. p. 103:
  - \* v. montanum, Schum. H. T. p. 67-3f35: (G. mont.)
  - \* v. mustela, Nylander, W., "Fenniae.")
  - \* v. pusilla, Grun. - V. H. S. pl. 23f19; Herib. p. 54; Cl. Nav. p. 134;
  - \* v. sceptrum, Rabh. E. D. p. 290; Kirch. Alg. Schl. p. 192; Del. Syll. p. 425: (Gomph. s.) -
  - \* v. semiapertum, Grun. - Del. Syll. p. 424: (G. sem.) -
  - \* v. submontana, Gutwinski Mat. Flor. Galicyi 1390p. 23-1f23; Del. S. p. 424: (G. subclavatum, var. m.)
  - \* v. trigonocephala, Schum. 1362p. 173; V. H. S. pl. 23f13; Wille pl. 23f24; Perag. p. 54; Herib. p. 54; Cl. Nav. p. 134; (G. tri.)
  - \* v. turris, E. - Cl. Nav. p. 134: (Gomph. turris.)
- AEGUALE, Greg. - M. J. 1356p. 12-1f4I; R. Alg. Eur. 1033 sub; S. B. D. 24. 104; Prit. p. 39I; Carr. p. 103; New Zealand; V. H. S. pl. 25f6; (G. angustatum, v.; - G. sarcophagus, var., & tenellum.)

+ affine,

" fama major, V.H.S. pl. 24 f 10:

+ angustatum, Cl. Star. p. 181: 1895 p. 21:

> " V. Laponice, A. Cl. 1895 p. 21-1 f 20, 21;

Aug. 15 1895: 17-1 f 55:

AESTUARII, Cl. Navic. p. 133; LeD. No. 15 p. 55-3f4;

AFFINE, K. B. p. 33-30f54; K. S. A. p. 35; R. S. D. p. 59-3fII; Prit. p. 39 I: Cl.

133 I. 10: Socotra; Gallik, Papan; Petit, 1333: V. H. S. pl. 24f3-<sup>9</sup>; Herib. p. 30: (G. dichotomum, gracile, lanceolatum.) ---

AMERICANUM, E. - Abh. Ber. 1340 p. 217; Mg. pls. 2-2f39; 3-3f16; 4-2f42; 5-2f

19; 9-1f35; 15A, f37a, b; 16-3f33; 17-1f52; 35A-7fII: 5-1f36; K. B. p.

33; K. S. A. p. 33; Prit. p. 337; Schum. H. T. p. 37; 1364 p. 20-2f13; R. E. D. p.

293; Gallip, Papan; Wolle pl. 23f22, 23: (G. acuminatum.)

AMPULLACEUM, Grev. - Hooker's Brit. Fl. Vol. 2, p. 410; M. J. 1349 p. 150:

(G. geminatum.)

ANGLICUM, E. - Amer. p. 127 pl. 3-1f32; Mg. pls. 15A, f35; 15B, f34<sup>a</sup>; K. B. p. 37-

30f62; K. S. A. p. 33; R. S. D. p. 30-3f2; Prit. p. 338: Amazon: (G. capitatum.)

ANGUSTATUM, K. - R. E. D. p. 233; Cl. Nares; 133 Ipp. 6, 10; Vega p. 49 I; 139 Ip.

50; Nav. p. 131: Canif. p. 23; V. H. S. p. 126-24f49, 50; T. No. 215; Perag. p.

54; DeT. Syll. p. 429; Herib. p. 30: (G. angustum, commune, obtus-

atum, sarcophagus, intricatum, var.: -Sphenella; -G. & Sphen. naviculoides

v. angustissima, H. V. H. S. pl. 24f51;

v. aequalis, Greg. - Cl. Nav. p. 131: (Gomph. ae.)

v. intermedia, H. V. H. S. pl. 24f47; Herib. p. 30: ~~forma major, H. S. 24f48~~:

(G. parvulum, v. micropus, & Gomph. int.) ---

v. obtusata, K. - Cl. Nav. p. 131: ~~V. H. S. 24f43-45~~:

(G. obt.; -Sphenella o., naviculoides & vulgaris.)

v. producta, Grun. - V. H. S. pl. 24f52-55; T. No. 217; Herib. p. 30;

Cl. Nav. p. 131: ~~1895 p. 21~~: (G. commune.) ---

v. sarcophagus, Greg. - Cl. Nav. p. 131: ~~V. H. S. 25f2 T. No. 217~~: (G. lagenula & s.) ---

v. subaequalis, Grun. - V. H. S. pl. 25f1; Herib. p. 30; Cl. Nav. p. 131:

v. undulata, Grun. - Cl. Navic. p. 131:

ANGUSTUM, Ag. Cons. p. 33; Leibl. Regensb. Fl. I, p. 326, f7; K. Syn. p. 36; K.

B. p. 34-7f14; K. S. A. p. 33; Marissal; Schum. 1364 p. 19-2f17; Gallik, Papan;

V. H. S. pl. 25f25: (Gomphonella; -G. gracile, var., & olivaceum, v.) ---

ANOMALUM, H. L. Sm. - Q. J. M. S. 1360 p. 33;

ANTARCTICUM, O'M. - J. L. S. 1377 p. 56-1f3; DeT. S. p. 432:

APICATUM, E. - Abh. B. 134 Ip. 416; 1369 pls. 1c, f13; Mg. pls. 2-2f43; 9-1f11;

Grun. 1333 p. 23; Cl. 139 Ip. 46-3f20, 21; Nav. p. 135; -(G. cristatum & turris).

APICULATUM, E. - Amer. pl. 2-1f33; Mg. pl. 4-2f39; Rabh. Bac. Exs. 39: Prit. p.

339-12f23, 53; R. E. D. p. 293: (G. angust.)

var. "b", E. - Mik. pl. 2-2f43; Prit. p. 339:

APPENDICULATUM, Perty Fl. Leb. p. 204-17f12: -(G. acuminatum v. coronata.) ---

ARCTICUM, Grun. 1334 p. 50-1f12; Cl. Vega p. 463; V. H. S. pl. 25f30;

DeT. Syll. p. 435: (G. exiguum, var. A.) -

ARGENTESCENS, Ag. - K. Syn. p. 45; Linnea 1344 p. 571:

(Echinella & Liemophora flabellata; -Liem. arg.: -Meridion radians.)

ASYMMETRICUM, Gutwinski Mat. Fl. Galicyi 1390 p. 23-1f24; Notul. 1390 p.

190; DeT. Syll. p. 430; -(Cymbella sinuata.)

AUGUR, E. - Abh. B. 1340 p. 17; Amer. pls. 2-1f35; 3-4f16; Mg. pls. 9-1f10; 15A,

f92a, b; 15B, f35; 35A-3f2; 33A-17f20; K. B. p. 37-29f74; K. S. A. p. 37; R.

S. D. p. 30-3f19d; Prit. p. 339; Grun. 1333 p. 22; R. E. D. p. 230; Schum. H. T. p.

36; Nylander, w.: New Zealand; Grun. 1373 p. 12; V. H. S. p. 124-23f29; T.

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- No. 208; Perag. p. 54; Hoffmann, Marburg; Wille pl. 23f 17, 18; Cl. 1391 p. 48; Nav. p. 135; Del. Syll. p. 424; Herib. p. 54;  
(*G. apiculatum*, p. p. *acristatum*, Ehrenbergii, rostratum, & Saxonicum; -*Sphenella* append.)  
" *v. Gautieri*, H. V. H. S. p. 124-23f 28; Del. S. p. 425; Herib. p. 54; - (*G. anglicum*)  
" *v. nasutum*, Rabh. E. D. p. 290; (Gomph. n.)  
AURITUM, Braun. - K. S. A. p. 33; R. S. D. p. 59-3f 3; Prit. p. 391; V. H. S. pl. 24f 15, 16; Hoffmann, Marburg; Herib. p. 53; - (*G. dichotomum*, *v.*, & *gracile*, *v.*) --  
AUSTRALIENSE, Grun. - Cl. & M. No. 254; (G. hyalinum, *v.*)  
BACILLUM, E. - Mik. pl. 37-1f 14;  
BALTICUM, Cl. 1333 p. 231-4f 10-16; Cl. & M. 41; Sm. Sp. T. 333; A. J. M. 1377 p. 151; 1373 p. 104; Grun. 1373 p. 10; Dannf. p. 23; V. H. S. pl. 23f 24; T. No. 222; Del. S. p. 432; (G. olivaceum, *v. ?* - *Rhipidophora tubercula*.) --  
BENGALENSE, Grun. - V. H. S. pl. 24f 37, 38; Del. S. p. 430; - (*G. lanceolatum*, *v.*) ---  
BERGGRENII, Cleve Nav. p. 135-5f 3, 7;  
BERKELEYII, Grev. - Hooker's British Flora Vol. 2, p. 409; A. M. N. H. 1343 p. 464-13f 3; Hass. Alg. p. 423-100f 2; (G. olivaceum.)  
BICAPITATUM, O'M. - J. L. S. 1377 p. 55-1f 1; Del. Syll. p. 432;  
BRASILIENSE, Grun. 1373 p. 13; Del. S. p. 431; Cl. Nav. p. 139; (G. abbreviatum, *v.*)  
" *v. Demararae*, Grun. 1373 p. 13; Del. S. p. 432; Cl. Nav. p. 139;  
BREBISSONI, K. S. A. p. 36; R. S. D. p. 30; J. R. M. S. 1354 p. 97-4f 13; A. M. N. H. 1355 p. 6-1f 3; Prit. p. 337; Sm. Sp. T. 173; Kinnoru; Perag. p. 54; Hoffmann, Marburg; Herib. p. 53; Spamer, Duren; (G. acuminatum, dichotomum, elongatum & subelavatum, *v.*)  
BREVIPIES, K. Syn. p. 40-3f 47; - (*Echinella*, G. & *Podosphaeria abbreviatum*.)  
CALCAREUM, Cl. 1333 p. 231-4f 7-9; Cl. & M. 42; O'M. Kell.; A. J. M. 1377 p. 151; 1373 p. 104; Sm. Sp. T. 334; Grun. 1373 p. 10; Hoffmann, Marburg; Del. S. p. 432; Spamer, Duren; (G. olivaceum, var., & subelavatum.) ---  
" *v. minor*, Grun. 1373 p. 10;  
" *v. subconstricta*, Grun. 1373 p. 10;  
CANALICUM, Br. & H. - Herib. p. 219-3f 11; Cl. Nav. p. 139; -  
" *v. costalonga*, Br. & H. - Herib. p. 219-3f 13; Cl. Nav. p. 190;  
" forma major, Br. & H. - Herib. p. 219-3f 12; Cl. Nav. p. 190;  
CAPITATUM, E. - Inf. p. 217-13f 11; Mik. pls. 9-1f 31; 15A, 133; 13-3f 37; 17-1f 51; K. B. p. 33-13f 2; 21f 13; K. S. A. p. 33; R. S. D. p. 30-3f 15; R. Alg. E. No. 452; R. Bac. Exs. No. 33; R. E. D. p. 233; S. B. D. 13-30-23f 237; A. M. N. H. 1355 p. 5-1f 2; Marissal; Braemar; Mull: Prit. p. 337; Sur. Jap. p. 17-2f 29; Kirch. Alg. Schl. p. 193; Bleisch, 1363; Schum. d. T. p. 37; Weisse 1334 p. 531-4f 43; Roper, Thames; Hull; Nylander, w.: Prollius p. 54; Petric & Linn.; 1338; Pet. Nimrod; liste p. 17; M. T. P. 5-1-7; Hoffmann, Marburg; Sm. Sp. T. 177; Gallix, Papan; Brun Alp. p. 37-3f 19; Lake Michigan; Spamer, Duren; Perag. p. 54; Belloc, Luchon; Strose Kleinen p. 12-1f 19; Wille pls. 22f 19; 23f 3, 7; 23f 13, 20, 21; Del. Syll. p. 422; Herib. p. 53; (Gomph. anglicum, italicum, persicum, turgidum, ventricosum, & constrictum, *v.*)  
" var. "b" curta, S. B. D. 2 p. 99; A. M. N. H. 1355 p. 5-1f 2b; K. B. p. 33-13f 1, 4; Braemar; Herib. p. 53;

Clavatum, E. - abh. B. 1836 f. 130: Mont. 36 p. 56:

Clavatum, E. - mik, 17 (1 f 5: 2 f 39):



- var. "g", S.B.D. 2p. 99: Braemar; A.M.N. 4. 1355] 5-If2g;  
R.E.D. p. 233: (Gomph. fasticulus.) -
- v. Anglica, Rabh. E.D. p. 233: (G. Ang.)
- v. Italica, Rabh. E.D. p. 233: (G. & Sphenella Italicum.) ----
- v. ventricosa, Rabh. E.D. p. 233: (G. vent.) --
- CALENA, Rabh. E.D. p. 293; Del. Syll. p. 435; (Sphenosira.)
- CLAVA-HERCULIS, E. - Mik. 1356p. 70: (Dendrella? - Diomphala?).
- CLAVATUM, E. - Inf. p. 213-13f6; Amer. p. pls. I-If13; I-2f23; 2-3f32; 3-If33; Mik. pls. I-If3a-a: I-3f21a; 4-2f33, 37; 3-If33b; 7-If25; 7-3a, f 30a, b; 3-3f14; 9-If37; 10-If20a, b; 10-2f13a, b; 11f22; 12f7, 3; 13-If 23a, b, 27; 14f73; 15-A, f35; 16-2f33; 17-If53; 17-2f41; 13f30; 33-7f14; 34-12b, 19a, b; 35A-4f3; 33A-3f5; 33A-17f19; 39-3f33; Abh. Ber. 1359pls. 1a, f10; I<sup>h</sup> f4; I<sup>h</sup> f6; R.S.D. p. 53-3f23; Schum. H. 1. p. 37; Grun. 1373p. II: Ebert, Cassel; V.H.S. pl. 23f9; Hoffmann, Marburg; Spamer, Duren; (G. constrictum, v. capitatum: - G. discolor, Leibleinii, subramosum.)
- v. curta, H.V.H.S. pl. 23f12;
- CLAVUS, Breh. MSS.: (G. acuminatum *var. oblongum*?)
- COMMUNE, Rabh. E.D. p. 233; Lagr. 1373p. 40-If14; Cl. & M. 92; Sm. Sp. 1. 333; Grun. 1373p. 10: M.T.P. 3-I-II: Petit liste p. 17; Belloc, Luchon; G. angustatum: - Sphenella naviculoides.) -
- COMMUTATUM, Grun. - V.H.S. pl. 24f2; Cl. 133Ip. 9; Herib. p. 55: (G. Mexicanum & subclavatum: - G. montanum, v.)
- CONSTRICTUM, E. - Abh. Ber. 133Ip. 33; K.B. p. 33-13f1(1-3); K.S.A. p. 33; R.S. D. p. 30-3f12; R. Alg. Eur. 452; R. Bac. Exs. 33; R.E.D. p. 239, f71; S.B.D. 1p. 73-23f233; weisse 1330p. 359-3f52; Prit. p. 337-10f137-190; Mull: Herib. p. 95; New Zealand; Cl. 1333p. 230; 133Ip. 43; Nav. p. 133; Roper, Thames; Edw. N.H. pl. 2f13; Boiscow pl. 1f3; Nylander, w.: Eiben, 1371; Pfitzer p. 33-3f11; Prollius p. 52; Ebert, Cassel; K. & Z. p. 14-If1; Dannf. 1. 22; Petit & Leud.; liste p. 17; Class. f3; Pet. 1333: T.M.S. 1377pl. 137f3; Grun. 1373p. II: Tanarek 1379p. 40f11b, 19b; Brun Alp. p. 38-3f1; M.T.P. 3-I-3: Hoffmann, Marburg; V.H.S. p. 123-23f6; T.No. 205; Belloc, Luchon; Lagr. 1334pp. 43, 61; Gallik, Papan; Spamer, Duren; Wollé pls. 26f12-15; 23f15; Herib. p. 52; Deloni, Port.; Del. S. p. 421; Strose Kleiken p. 12-If 25; *ce. 1875p. 22*: (Crystallia pulvinata: - G. geminatum, paradoxum, pohliaeforme, subramosum, truncatum.) ---
- v. aequatoriensis, Schaarschmidt. - Aequat. 133Ip. 5; Del. S. p. 422;
- v. capitata, E. - Cl. Vega p. 491; Nav. p. 133; V.H.S. p. 123-23f38; *ce. 1875p. 2* (G. cap., clavatum, Italicum, turgidum.) ----
- v. elongata, H. & Per. - Herib. p. 53; *ce. 1875p. 2*
- v. minor, Wollé pl. 23f19;
- v. subcapitata, H.V.H.S. pl. 23f5; Socotra; Herib. p. 52: (Gom. cap.)
- CONTRACTUM, K.B. p. 33-14f21(3); K.S.A. p. 33; R.S.D. p. 30-3f25; Prit. p. 391; R.E.D. p. 292;
- CORONATUM, E. - Abh. B. 1340p. 17; Mik. pls. 2-2f33b; 2-3f29a, b; 5-2f13; 7-2f 39a, b; 14f76; 15-B, f33a, b; 16-If40a, b; 16-2f44; 13-3f32; 33-3f10; 33-11f5; 35A-12f4; K.B. p. 37-2f12; K.S.A. p. 33; Mull: R.S.D. p. 30-3f7; Prit. p. 337-14f36; Amazon; Nylander, w.: Spamer, Duren; Strose Kleiken p. 12-If16; *mik. 6-1f53*: (Gom. acuminatum.) ---

Cygnus, v. longiceps, E. - Brun alp. p. 371 - (G. longiceps.)

Dichotomum, W.S. - V.H.S., 24 f 19-21 > p. 125: Petit, Cap Horn:

" var. sessilis, Brun alp. p. 37-6 f 2: (F. pulvinatum)

- CRASSUM, Rabh. S.D.p. 59-10f13; Prit. p. 391; R.E.D.p. 293; Det. S.p. 435;  
 CRISTATUM, Ralfs. -A.M.N.H. Vol. 12, 1845, p. -13f6; Mass. Alp. p. 423-100f1;  
 S.B.D. Ip. 79-23f239; Front.: R.S.D.p. 59-3f19; Prit. p. 333; Carr. p. 104;  
 Heib. p. 96-5f17; New Zealand; Roper, Thames; Amazon; Bleisch, 1333; Cl.  
 1333p. 231; Sm. Sp. T. 173; Petit liste p. 17; Belloc, Luchon; Hoffmann,  
 Marburg; Gallik, Papan; Kirch. Alp. Schl. p. 192; Spamer, Duren; Malaisie;  
 Wolle pl. 27f3, II: (G. augur & nasutum; -Sphenella appendiculatum.) ----  
 \* var. *turgida*, Petit, 1333p. :  
 CURVATUM, K. Syn. p. 39-4f51; Linnaea 1333p. 567-4f51; K.B. p. 35-3f3; 9f3;  
 K.S.A. p. 64; R.S.D.p. 59-3f13; Prit. 1352pl. 16f11; Mont. Al. Alp. p. 190; R.  
 E.D.p. 112; S.B.D. II. 31-29f245; Weisse 1330p. 359-3f31; 1334p. 107-1f17;  
 Prit. p. 333-11f9-12; 13f11; Bleisch, 1333; Roper, Thames; New Zealand;  
 Carr. p. 104; Mull; Girard Ross. p. 11-1f23; Prollius p. 53; Ebert, Cassel;  
 Sm. Sp. T. 667; Hoffmann, Marburg; Spamer, Duren;  
 (Exilaria rubiginea; -G. minutissimum; -Rhoicosphaenia.) -  
 \* var. *a* "aquaticum, K.B. p. 35-3f2; K.S.A. p. 64; Prit. p. 333: -(G. curvatum)  
 \* var. *b* "salinum, K.B. p. 35-3f1; K.S.A. p. 64;  
 \* var. *g* "marinum, K.B. p. 35-9f3; K.S.A. p. 64; Prit. p. 333: (G. mar.)  
 \* var. *flabellata*, K.S.A. p. 65:  
 \* v. *pulvinata*, K.S.A. p. 64;  
 CURVIROSTRUM, Brun & Temp. p. 33-9f4; Det. Syll. p. 421;  
 CUSPIDATUM, Rabh. S.D.p. 59-3f22; Prit. p. 391; R.E.D.p. 292;  
 CYGNUS, E. -Amer. p. 123; Mg. pl. 5-3f33; K.B. p. 37; K.S.A. p. 67; R.S.D. p. 39;  
 Prit. p. 390; Schum. 1332p. 137-9f26; 1337p. 55; R.E.D.p. 233; Brun Alp. p.  
 37-6f7; Petit & Leud.; Kinnora; Strose Kl. p. 12-1f7; Det. S.p. 427;  
 Herib. p. 30:  
 (G. intricatum, v. *vibrio*; -G. subclavatum; -Sphenella rostellata, "b".)  
 CYMBELLA, Brun 139Ip. 23-19f2; Cl. Nav. p. 133;  
 DICHOTOMUM, K. Syn. p. 44-3f43; Linnaea 1333p. 569-3f43; K.B. p. 35-3f14; K.  
 S.A. p. 65; Breb. Cons.; A.M.N.H. 1343p. 463-13f7; Mass. Alp. p. 423-99f2; S.  
 B.D. Ip. 79-23f240; Front.; Braemar; Mull; R. Alp. Eur. 1264; R.D. ex. 235;  
 R.E.D.p. 235; Prit. p. 390; New Zealand; Roper, Thames; Arenig Bach; K.  
 & Z. p. 13-2f1; Carr. p. 103; Grun. 1335p. 10; 1373p. 10 & 106; Nylander, w.:  
 Amazon; Prollius p. 53-1f1-13, 19; 2f12; M.T.P. 3-2-9; Kinnora; Petit &  
 Leud.; liste p. 17; Brun Alp. p. 36-6f8, 3; V.H.S. pl. 24f19-21; Lake Mich.  
 Perap. p. 54; Belloc, Luchon; J.L.S. 1334p. 245; Malaisie; Det. S.p. 426;  
 (G. Brebissoni, *gracile*, v. *intricatum*, v.: - ) -  
 \* var. *b* "sessilis, K.B. p. 36-13f1(3); S.B.D. Ip. 79-23f240b; R.E.D.p.  
 236; Wolle pl. 26f16, 17; Det. Syll. p. 426: *Andrisson 1863 p. 398 Nr. 14*;  
 (Exilaria truncata; -G. Brebissoni & subclavatum.)  
 \* v. *aurita*, Rabh. E.D.p. 233: (G. *gracile* & a.) ---  
 \* v. *affinis*, Grun. 1335p. 10; R.E.D.p. 233: (Gom. a.) ---  
 \* v. *pulvinata*, Braun. -Det. Syll. p. 427: (G. pulv.) -  
 \* v. *trigibba*, Moller T.P. 3-1-10:  
 DIGITATUM, K.B. p. 34-2f12(2); K.S.A. p. 63; Prit. p. 391: -(G. *exilum* & var.)  
 DISCOLOR, E. -Beitrag 1331p. 63; Inf. p. 213-13f3; R.S.D. p. 59-3f21; R.E.  
 D.p. 293; Spamer, Duren: (G. *clavatum* & *olivaceum*.) ----  
 DUBRAVICENSE, Pant. 3p. -20f294, 296: -(G. *ventricosum*, v. *sinata*.) ---  
*all as 216 f 24, 25:*

Eriense,

|| var. *rostrata*, *WS*, *Atlas* 216 f. 15-18:

+ Exiguum, *K.* - *Det. J. p.* 431:

+ " *v. pachycladia*, *Oestrup* 1897 p. 317:

Geminatum,

|| *v. sibirica* = *Didymospenia*

- EHRENBERGII, Carruthers p.104: (G. aequi.) ----
- ELEGANS, Grun.-V.H.S.pl.25f19: Cl. & M.204; Wollé pl.27f3;  
Del.Syll.p.435: (Gomphonem.)-
- ELONGATUM, W.S.-A.M.N.H.1855p.6-1f4; S.B.D.2p.99: Prit.p.337:  
Kinnora; Lake Michigan; Cl.139Ip.43; Herib.p.53:  
(G. acuminatum, var., & Brebissoni.)-
- var. minor, Herib.p.53:
- ERIENSE, Grun.-V.H.S.pl.25f10; T.No.207; Lake Michigan; Grun.1873  
p.109; Del.S.p.423: Cl.Nav.p.130: ~~226, 227~~ 6 f 13 14
- EROSUM, Rabh.S.D.p.59-10f12; Prit.p.339: (G. olivaceum.)
- EXIGUUM, K.B.p.34-30f53; K.S.A.p.33; Prit.p.391: V.H.S.p.125-25f24;  
+ Perag.p.54; Herib.p.61; Cl.Nav.p.133: ~~226, 227~~ 1897p.317:-(G. hyalinum.)---  
v. Arctica, Grun.-Cl.Nav.p.133: (G. Arc.)
- v. Australiensis, Grun.-Cl. & M. sub 254; Del.S.p.431;
- v. digitata, H.V.H.S.pl.25f35, 36: (G. dig., & ex.)--
- v. minutissima, H.V.H.S.pl.25f33; Del.S.p.431:-(G. ex., & min.)---
- + v. pachycladia, Breb.-V.H.Type No.233: Cl.Nav.p.133: (Gomph.p.)
- v. perpusilla, Grun., V.H.S.pl.25f39: (Gomph. ex.)
- v. telographica, H.V.H.S.pl.25f37: (Gomph. tel. & ex.)
- FIBULA, Breb.-K.S.A.p.65; S.B.D.2p.100: Prit.p.391: Carr.p.104;  
R.E.D.p.287: (Fibula; -Peronia erinacea.)---
- FLABELLATUM, K.-Linna 1833p.571: K.Syn.p.43;  
(Echinella; -Exilaria; -Liemophora; -Liem. & Meridion radians.)
- FLABELLUM, Chauvin.-K.S.A.p.123: (Liem. flabellata.)-
- FRACIUM, Schum.1862p.137-9f32; R.E.D.p.292: (Rhoicosphaenia.)--  
*curvata, v.*
- FULGENS, K.Syn.p.44; Linna 1844p. :  
(Exilaria; -Diatoma ramosum; -Liemophora; -Syneura.)
- FULVUM, Leiblein, 1831 : Ag.Bot.2.1830pl.1f3:-(G. semiellipticum.)--
- FUSTICULUS, W.S.-Q.J.M.S.1855p.37: (G. capitatum, "g".)-
- GEMINATUM, Ag.Syst.p.12; Cons.p.35; K.Syn.p.41; K.B.p.35-1312; K.S.A.  
p.66: Linna 1833p.5 :A.M.N.H.1843p.460-13f3; Hass.Alg.p.420-93f1;  
Scottish Fl.pl.244f2: K.Alg.Dale.13; Quakett H.C.pl.12f4; Harv.Man.  
p.207; R.S.D.p.60-3f14; R.D.Ex.No.33; S.B.D.1p.73-27f235; Front.; R.  
E.D.p.289; Prit.p.337-7f60; Carr.p.106; Weisse 1864p.664-4f42; Eul.  
Sp.1.43; Cl.1838p.250; Cl. & M.39; 139Ip.43; Nav.p.133; Grun.1873p.11;  
M.1.P.3-I-14, 15, 16; Sm.Sp.1.130: Brun Alg.p.33-6f9; Carp.133Ip.355, f  
136, 137; Lagr.1873p.40; 1834p.37; Lake Michigan; V.H.1.No.204; Perag.  
p.54; Bellec, Luchon; Wollé pl.26f1-4, 10, 11; Del.S.p.420; Herib.p.  
52; ~~Carp.1870p.22; Carp.1891p.11~~ *Del. 1891p.11*  
(Crystallia pulvinata; -Dionophala clavis-herculis; -Denarella g.,  
Lyngbyei & styllaroides; -Echinella; -G. ampullaceum, intricatum,  
olivaceum, pyriferum, radicata, truncata; -Vorticella pyram.)
- v. bipunctata, Rattr.-T.R.S.Edinb., 1838p.427-29f5; Del.S.p.420;
- v. curvirostris, Tp. & Br.-Cl.Nav.p.133: (Gomph.c.)
- v. hybrida, Grun.1834p.45-1f11; V.H.S.pl.23f4; (Var. Sibirica.)
- + v. Sibirica, Grun.-Cl.Nav.p.133: Grun.1873p.11: (Var. h. Grun.)--
- GIGANTEUM, E.-Abh.Ber.1852p.534; R.S.D.p.60; Prit.p.390; R.E.D.p.292;  
Del.Syll.p.436;

+ gracile, Cl. 1895 p. 21: Em. 5 (2f21:3f31):  
" formapaua, V.H.S. pl. 24f14:  
" formapaua, V.H.S. pl. 24f14:

Groenlandicum, Orskov, - Atlas 213f40-43: (P. Kant, var.) —

Groovi, A.S., atlas, 214f13-18:

Insigne,

" forma major, V.H.S. pl. 24f39:

" " minor, V.H.S. pl. 24f40, 41:

- GLACIALE, Rabh.E.D.p.232; Brun Alp.p.34-3f14; Belloc, Luchon; Peral.  
p.54; DeT.Syll.p.434; (Sphenella g.)-
- GLANS, E.-Amer.p.123; Mik.pls.4-2f35; 5-3f35; V.B.p.37; V.S.A.p.37;  
Prit.p.339; DeT.Syll.p.436; 6-2f15; (Dionphala.)---
- GLOBIFERUM, E.-Mik.p.259;
- GRACILE, E.-Inf.p.217-13f3; Amer.pls.1-1f27; 2-1f39; 3-1f35; Mik.pls.  
+ 1-3f21b; 2-3f30; 4-1f25; 4-3f23; 6-1f33a-c; 7-3b, f11, 12; 8-2f14a-c;  
9-1f36, 39; 11f13a-c, 19a, b; 12f5, 6; 15-A, f39a-c; 15-B, f36; 15-1f39a, b;  
16-2f45; 16-3f35; 17-2f33, 40; 33-10f15; 35A-2f13; 35A-4f4; 35A-6f6;  
37-2f3; 33A-20f4b; 39-1f33, 34; 39-3f67, 68; Abh.B.1339pl.1a, f20; 1370,  
pl.1a, f3; A.J.S.1351, f13-15; R.S.D.p.59-3f26; Schum.1.7.1.35-3f35;  
1337p. -1f13a; Ebert, Cassel; Carp.1331p.336, f192 sub; Gallik, Papan;  
V.H.S.p.125-24f12; T.No.212; Hoffmann, Harburg; Wille, 1.2715, 7; Cl.  
1391p.49; Nav.p.132; Spamer, Duren; J.L.S.1334p.245; Petit, 1333: Del.  
S.p.426; Strose Kl.p.12-1f10; 8m.172-2f44; - (Exilaria truncata; -  
G.affine, angustum, minutum; -G.dichotomum, v.: -Podosphaeria nana.)  
" var."a", E.-Mik.pl.7-3a, f29d;  
" var."b" longicollis, E.-Mik.pl.7-3a, f28a-e;  
" v.aurita, Braun.-V.H.S.p.125; T.No.212 sub; Cl.Nav.p.132;  
(G.angustum, p.p., & a.)-  
" v.clavata, E.-Mik.pl.17-1f57a, b; (G.clav.)  
" v.cymbelloides, Grun.-Cl.Nav.p.132; A.C. 1895f.22-1f1  
" v.dichotoma, W.S.-Cl.Nav.p.132; 1895p.2  
(Gomph.d., Hebridense, tenellum & vibrio.)-  
" v.gracillima, Schum.1337p.55-1f13b; (G.intricatum, v.pumila.)-  
" v.lanceolata, K.-Cl.Nav.p.133; (G.turris, v.apiculata.)--  
" v.longiceps, E.-Mik.pls.1-3f36, 39; 3-1f17; 3-2f13; 3-4f23; 4-2f36;  
4-2f36; 4-3f27a, b; 5-1f37; 12-1f37; 14f72; Weiss 1354p.  
273-1f10a, b; Grun.1373p.9; Cl.Vega p.491; 1331p.10;  
" v.major, Grun.-Cl.Nav.p.133; (G.tenellum, v.1.)--  
" v.naviculoides, S.B.D.21.93; V.H.S.11.24f13; 1373p. (G.nav.)--  
HEBRIDENSE, Grun.-M.J.1354p.99-4f19; S.B.D.21.101; Prit.p.390; R.E.D.  
p.233; Amazon; Carr.p.103; Kinnora; Malaisie; Herib.p.31;  
(G.gracile, v.major, & vibrio.)  
HERCULEANUM, E.-Abh.Ber.1345p.73; Mik.pls.35A-7f12, 13; 37-2f9; Prit.p.  
390; R.E.D.p.293; Grun.1373p.11; M.T.P.3-1-13; Sm.Sp.1.177; V.H.S.pl.  
23f2; T.No.203; Lake Michigan; DeT.Syll.p.420;  
(Gomphoneis; -G.capitatum & geminatum.)-  
" v.Oregonica, E.-Del.Syll.p.420; (Gomph.O.)  
" v.robusta, Grun.1373p.12-3f3; -(G.rob.: -Gomphoneis H., var.1.)--  
HUNGARICUM, Pant.3p.1. -2f23; (G.intricatum, v.vibrio.)-  
HERCYNICUM, Rabh.S.D.p.59-3f13; Prit.p.339; DeT.S.p.433;  
HYALINUM, Abh.1.96-5f13; R.E.D.p.237; Grun.1373p.10; (G.exiguum.)--  
INLEXUM, Breb.Cons.p.21; DeT.Syll.p.436;  
INSIGNE, Grun.-M.J.1356p.12-1f39; S.B.D.2p.100; Prit.p.391; R.E.D.p.  
234; Carr.p.103; Hull; Malaisie; Grun.1373p.107; Petit & Lend.; P.  
liste p.17; Kinnora; DeT.S.p.423; Herib.p.59;  
(Gomph.glans, var.)-  
INSULARE, E.-Mik.p.12; Prit.p.392; R.E.D.p.293; DeT.Syll.p.435;

+ Kamtschaticum, Atlas 213 f 46-51:

" var. ovalis, Oestrup, 1897 p. 318-2 f. 5:

" " Groenlandica, Oestr. Mar. D. pl. 3 f. 11: 1897 p. 317: - (G. Groenlandicum.)

" " dimidiata, A.S., Atlas 213 f 45:

" var., A.S., Atlas 213 f 44:

7 Lagerheimii, A. Cl. 1895 p. 22-1 f. 15:



- INTERMEDIUM, Lenz, 1911; (G. acuminatum, v.)
- INTRICATUM, K.B.p. 37-914; K.S.A.p. 77; R.S.D.p. 59-3f27; Grun. 1378p. 10; D. 1p. 30-29f24I; Prit. p. 390; Bleisch, 1335; Can. p. 103; Schm. 4.1.1. 67; R.E.D.p. 292; Hull: Nylander, w.: Dannf. p. 23; O'M. Kerg.: Vinnora; Brun Alp. p. 40-3f16; Gallik, Pagan; Kirch. Alg. Schl. p. 193; Pet. liste p. 17; Petit & Lend.; V.H.S.p. 123-24f23, 29; Bellon, Giebon; Parag. p. 54; Wille pl. 27f4; Cl. 1391. 49; Nav. p. 131; Lake Michigan; Det. Syll. p. 423; Herib. p. 57; 1895 p. 2 (G. acuminatum, p., & gracile.) -
- v. angustata, Brun Alp. p. 41-3f15; Parag. p. 54; (Gomph. 2.) -
- v. dichotoma, K.-Grun., V. H.S. pl. 24f30, 31; Cl. Nav. p. 132; (Gomph. d. & pilvinatum.)
- v. fossilis, Pant. 21. 56-II f20I; Det. S. p. 423; Cl. Nav. p. 132;
- v. pilvinata, Grun. -V. H.S. pl. 24f32-34; (G. pilv.)
- v. pumila, Grun. -V. H.S. pl. 24f35, 36; T. No. 214; Herib. p. 57; Cl. Nav. p. 131; (G. gracillimum) ~~44~~
- v. subelavata, Rabh. E. D. p. 292; Ebert, Cassel;
- v. vibrio, E. -Cl. Nav. p. 132; 1895 p. 2 (G. crenatus, American v.)
- ITALICUM, K.B.p. 35-30f75; (G. capitatum, G. constrictum, v. cap.: -Sphenella.) --
- JORDANI, E. -Mik. p. 47; Prit. p. 392; R.E.D.p. 293; Det. S. p. 436;
- KAMTSCHATICUM, Grun. 1378p. 12-3f4; Cl. Nares: : Vega p. 463; Nav. p. 133; V.H.S. pl. 25f29; Det. S. p. 432; 1895 p. 317;
- v. Californica, Grun. -V. H.S. pl. 25f28; Cl. Nav. p. 139;
- v. Sibirica, Cl. & M. 315 sub; Cl. Vega p. 463; Nav. p. 139;
- KANITZII, Schaarschmidt, Aequator. 1381p. 6; Det. Syll. p. 434;
- KINKERI, Pant. 3p. -10f132, 135;
- LAGENULA, K.B.p. 35-30f60; K.S.A.p. 65; R.S.D.p. 59-3f24; Prit. p. 339; V. H.S. pl. 25f3; Schm. 4.1.1. 67; 1339p. 35-2f3; Amazon; Hoffmann, Marburg; R.E.D.p. 290; Spaner, Duren: (G. angustatum, var., & parvulum.) ---
- var., H.V.H.S. pl. 25f7;
- LANCEOLATUM, Ag. Cons. p. 34; Linnea 1333p. : K. Syn. p. 33; K.B.p. 37-29f 73; 30f59; K.S.A.p. 67; E., Amer. pl. 2-1f37; Mik. pls. 5-2f20; 7-3a, f32a, b; R.S.D.p. 59-3f10; Prit. p. 390; Amazon; Grun. 1365p. 10; 1333p. 23; 1373p. 15; R.E.D.p. 293; Petit & Lend.; Hoffmann, Marburg; V.H.S. pl. 24f11; Cl. Nav. p. 133; (G. affine & Szaboi; -Cocconeoma Boeckii & l.) -
- v. Bengalensis, Grun. -Cl. Nav. p. 133; (Gomph. 2.)
- v. insignis, Greg. -Cl. Nav. p. 133; (G. insigne.) ---
- LATICEPS, E. -Amer. p. 123; Mg. pls. 5-1f34; 9-1f31; 14f73; 15-A, f91; K. B. p. 37; K.S.A.p. 66; R.S.D.p. 59; Prit. p. 337; Schm. 1332p. 137; R.E.D. p. 293; Lake Michigan: (G. acuminatum & var.: -G. capitatum.) --
- LEIBLEINII, Ag. Cons. p. 33; Leibl. Regensb. 1102<sup>133</sup> p. 11. 1f4; Linnea 1330p. : K. Syn. p. 40-2f46; (G. olivaceum; -Meridion ovatum.)
- LENORMANDII, Chauvin. -K.S.A.p. 65; Prit. p. 333; R.E.D.p. 291; Det. Syll. p. 435; (Gomphonella; -Sphenella.) --
- LINEARE, Greg., D.C. p. 25-2f41; (Meridion maximum.) -
- LONGICEPS, E. -Mik. pls. 4-3f27a, b; 7-3b, f9; 10-1f21a, b; 11f2; 14f72; 17-2f23; Prit. p. 390; Schm. 4.1.1. 67-3f37; 1332p. 137-9f27; R.E.D.p. 291.

micropus,

" forma major, V.H.S. pl. 25 f4:

mistela, Petit, Cap Horn:

233: Grun. I373p. IO: Det. Syll. p. 425;

(G. gracile, v.: -G. subclavatum, p. l.: -G. longicollis & mistela: )

\* v. clavata, Grun. I373p. IO: (G. subclav.)

+ LONGICOLLIS, E. -Abh. B. I343p. 32f; Mg. pls. Iff I7; 39-3f59; Prit. p. 392: R. E. D. p. 293; Det. S. p. 433: *A/B 36 p. 162* (G. gracile, var., & longiceps.)

MAMMILLA, E. -Mik. pl. 37-2f IO; Mch. B. I370p. 56: Prit. p. 390: R. E. D. p. 293; V. H. S. pl. 23f I: Wollé, 23f 3; -(Gomphoneis; -G. terculeanum, v. Oregonica.)

MARGARITACEUM, E. -Mik. p. 332: Prit. p. 392; R. E. D. p. 293; Det. S. p. 433;

MARINUM, S. B. D. Ip. 81-29f 243; Jan. & R. p. 3-4f II; Jan. G. p. 23; Carr. p.

IO4; Hull; Roper, Thames; Eul. Sp. T. 49; N. & R. S. p. 67; Sm. Sp. T. 663;

(G. & Rhoicosphaenia curvata, var.)

MAXIMUM, Grun. -V. H. S. pl. 23f 3; Wollé pl. 26f 3, 9:

(Gomphoneis mammilla; )

MEXICANUM, Grun. -V. H. S. pl. 24f 3; Wollé pl. 27f II2; Det. S. p. 430:

(G. commutatum, var. 3)

MICROPUS, K. B. p. 84-3f II2; K. S. A. p. 63; R. S. D. p. 53-3f 6; A. M. N. H. Vol. 20, pl. 22f "D": R. Alg. Eur. 562; Prit. p. 339: V. H. S. p. 125-24f 26; T. 2 I3; Det.

Syll. p. 423; V. H. S. pl. 24f 4; Hoffmann, Marburg; Späner, Duren; Herib. p. 57: *Andissone 1863 p. 398, v. 10* (G. parvulum, v.: -G. tenellum.) --

\* v. exilis, Grun. -V. H. S. pl. 25f 6: (G. parvulum, v.)

\* v. minor, Grun. -V. H. S. pl. 25f 5; T. No. 2 I9; Herib. p. 57;

MINUTISSIMUM, Grev. -Scott. Fl. p. 224-244f I: Linnea I333p. : K. Syn. p.

39-3f 43; K. B. p. 84-3f II2; K. S. A. p. 63; K. Alg. No. 76; E. Inf. p. 2 I7-I3f 5;

Amer. pl. I-I4f 4; Mg. pls. I-I4f 9; I4f 73; I3f 3 I; 33-I4f I4; 35A-I2f 5; 35A-

I3a, f5; 35A-23f IO; A. J. S. I342p. 5-3f 4; Prit. I352pl. I4f 9-I2, I7; I33Ip.

39I-IIff I7; Carr. p. IO4; Grun. I363p. 23; R. E. D. p. 234; Eiden, I37I: *Andissone*

(G. & Rhoicosphaenia curvatum: -G. abbreviatum, digitatum, septatum, subramosum, telographicum & exiguum, var.) --- 37-2f II2

\* v. exigua, Rabh. E. D. p. 234: (G. exiguum, v.)

MINUTUM, Ag. Cons. p. 34; *Linnaeus*: -(G. acuminatum, dichotomum, subtile.)

MONIANUM, Schum. H. T. p. 37-3f 35b; M. M. J. I375p. IO9, f I6; Grun. I373p. II:

Dannf. p. 22; V. H. S. p. I24-23f 33-36; Petit, I333: Cl. I39Ip. 49;

Det. Syll. p. 425; Herib. p. 55: (G. acuminatum, v.) ---

\* v. commutata, Grun. -V. H. S. p. I25-24f 2; Det. S. p. 425: (G. com.)

\* v. media, Grun. -V. H. S. pl. 23f 27:

\* v. pumila, Herib. p. 55;

\* v. subclavata, Grun. -V. H. S. p. I25; *23f 38-43*: Det. S. p. 425: (G. subcl.)

\* v. Suecica, Grun. -V. H. S. pl. 23f 32;

MOSAMBICENSE, E. -Mik. p. 227; Prit. p. 392; R. E. D. p. 293; Det. S. p. 433;

MUCRONATUM, E. -Mik. p. 93; Prit. p. 392: R. E. D. p. 293; Det. Syll. p. 433;

MUSTELA, E. -Mik. pls. 9-I4f 32, 35; I4f 37; I7-I4f 30; I7-2f 37; Prit. p. 333:

Schum. I367p. I37-9f 30; R. E. D. p. 237; Lagr. I373p. 40; Grun. I373p. IO; Cl.

I33Ip. 5; I39Ip. 49; Atlas 72f 2-7; V. H. S. pl. 24f 4; Herib. p. 59:

(G. subclavatum, var., & longiceps.) - *forma curta, v. H. S. 24f 7*;

\* var., H. V. H. S. pl. 24f 5, 6;

\* v. curvata, Br. & Perag. -Herib. p. 59-3f 6, 7;

NASUTUM, E. -Amer. p. I23; Mg. pls. 2-2f 4 I; 6-I4f 37; K. B. p. 37; K. S. A. p. 67:

R. S. D. p. 60: Schum. I362p. I37-9f 23: -(G. acutum, cristatum: -G. acuminat., v.)

occidentale, us., atlas 216 f 19-21:

|| var. abbreviata, a.s., atlas 216 f 22, 23:

Olivaceum, Cl. var. 1 p. 188: vestrum 1897 p. 317:

|| var. pusilla, a. cl. 1895 p. 23-1 f 14:

- NAVICULOIDES, W.S.-S.B.D. 2p.93: Prit.p.391: LaCoste & Suringar p.47: Carr.p.103; R.E.D.p.234; Strose Kleiken p.12-1f13, 21: Del.Syll.p. 311: -(*Nav. hungarica*, v. *lunob.*; --- (Brebissonia; -*G. angustatum* & *gracile*.) ---  
 " v. *navicella*, LaCoste & Suringar p.47; R.E.D.p.235:  
 OBTUSATUM, K.-V.H.S. --- *Grün. in* (G. *angustatum*, v. *obt.*)  
 OBTUSUM, E.-Mik.p.59; Prit.p.392; R.E.D.p.293; Del.S.p.436;  
 OCULATUM, K.Syn.p.40-3f45; Linnaea 1333p. -3f45;  
 (G. *olivaceum*, *rotundatum* & *subramosum*.)  
 OLIVACEUM, E.-Inf.p.213-13f9; K.B.p.35-7f13, 15; K.S.A.1.34; R.Bac.Exc. No.25; R.D.Ex.No.34; R.E.D.p.291; Braemar; Marissal; S.B.D.1p.30-29f 244; Desmaz.I, No.1462; 2, No.1032; K.Alg.Dec.XIII: Westendorp, No.499: Prit.p.383: Heib.p.96; Virch.Alg.Schl.p.193; Carr.p.104; R.E.D.p. 291; Hull; Cl.1363p.231; Cl. & M.240; 1331p.10; 1391p.50; Nav.p.137: Prollius p.51; Lanzi, Tor.; M.M.J.1373p.33; Lake Michigan; Petit list, p.17; Sm.Sp.1.131; Belloe, Lichon; B.S.B.Vol.4p.7-1f5-7; Brun Alp.1. 40-6f3; Dannf.p.23; Spamer, Duren; Tanaxek 1379p.40, file, 19c: V.H.S. p.123-25f20a, b; 1.No.221; Malaisie; A.S.M.1336pl.1f2; Lager.1334p.33; Perag.p.54; Wölle pl.27f14, 15; Del.S.p.433: Herib.p.31: *Cl. 1895p.23* (Dendrella; -Echinella; -Exilaria minutissima; -Fistulia; -Gomphonella *angusta* & *ol.*; -*G. angustum*, *Balticum*, *Berkeleyi*, *clavatum*, *discolor*, *erosum*, *geminatum*, *Leibleinii*, *oculatum*, *ramosissimum*, *septatum*, *subramosum*; -*Meridion vernale*; -*Sphenella*; -*Styllaria*.) --  
 " var. "b", Rabh.E.D.p.291: (G. *ramosissimum*, Naeg.) ---  
 " v. *angustum*, K.-Rabh.E.D.p.291: (Gomph.a.)  
 " v. *Baltica*, Cl.Nav.p.133: (G. *Balt.*) -  
 " v. *calcareo*, Cl.-V.H.S.pl.25f23; Cl.Nav.p.133: (G. *cal.*) --  
 " v. *fossilis*, Pant.2p.53-12f204; Del.S.p.433: (G. *salinarum*.)  
 " v. *salinarum*, Pant.2p.53-9f160; 11f199; 17f287; Del.Syll.p.434: (G. *salinarum*.) -  
 " v. *salinum*, Grün.1373p.106; Del.Syll.p.433;  
 " v. *stanoneiformis*, Grün.-V.H.S.pl.25f22; Cl.Nav.p.133: (G. *stan.*)  
 " v. *stanophorum*, Pant.2p.53-12f203; Del.S.p.434;  
 " v. *tenellum*, K.-Cl.Nav.p.133: (G. *ten.*) --  
 " v. *vulgaris*, Grün.-V.H.S.p.123-25f21; Del.Syll.p.433; (G. *vulg.*; -*Sphenella v. & obtusata*; -*Styllaria paludosa*.) ---  
 OLOR, E.-Abh.Ber.1349p.35: 1370p.53pl.3-2f2; Wölle 29f19; Del.S.p.427;  
 OREGONICUM, E.-Abh.B.1349p.35: 1370p.57: Mg.pl.37-2f12, 13; Prit. p.389: Grün.1365p.10; 1373p.12; R.E.D.p.293; Wölle pl.22f3, 9: (G. *Herculeanum*, v. *S. maximum*.) -  
 OVATUM, H.L.Sm.-J.R.M.S.1330p.33; Del.Syll.p.435;  
 OXYCEPHALUM, Cleve Navic.p.137-5f10:  
 PACHYCLADIUM, Breb.Cons.p.21: V.H.S.pl.25f31, 32; Cl.Vega p.463; V.H.Type No.223: (G. *abbreviatum*, v., & *exiguum*, var.)  
 PALEA, E.-Abh.B.1342p.272; R.E.D.p.293; Del.S.p.433;  
 PARADOXUM, Ag.Syst.p.II: Cons.p.34; E.Abh.3.1332p.33: Min.pl. 9-1f33, 34; Grev.Synop.p.33; K.Syn.p.41; Linnaea 1333p.59; A.M.A.1. 1343p.466-13f10: -(Echinella; -*G. constrictum*; -*Lichophora*; -*Rhizolophora*; -*Diatoma plebeiatum*; -

Parvulium, K. -

ii v. *laevigata*, K. - a. cl. 1895 p. 20

iii v. *undulata*, a. cl. 1895 p. 21-1 f 18:

Reicheltn, a. s. atlas 214 f 19-22:

- PARVULUM, K.S.A.p.35: Prit.p.333: Grun.1335p.10: 1333p.23; 1373p.10:  
 R.E.D.p.291; Sm.Sp.1.132; Cl.&M.133; Vega p.491; 1331p.10; 1391p.  
 50; Nav.p.130; V.H.S.p.125-25f9: J.L.S.1334p.245; Det.Syll.p.429;  
 Herib.p.56: *a. Cl. 1895p.20*:  
 (Gomphonella: -G. (& Sphenella) rostellata; -Sphenella; -G. minutissima,  
 p.p., -lagenula, -parvulum vars. lance. & subcap.) ---  
 \* v. dichotoma, Herib.p.56;  
 \* v. exilis, Grun.1373p.10: Cl.Nav.p.130:  
 \* v. exilissima, Grun.-V.H.S.pl.25f12; 1.220; Cl.Nav.p.130; /895p.21:  
 \* v. lanceolata, H.V.H.S.p.125-25f10: Det.S.p.430; Herib.p.56;  
 \* v. micropus, K.-Cl.Nav.p.130: -(G.mic.: -G. angustatum, v. intermedia.) /895p.21:  
 \* v. subcapitata, V.H.S.p.125-25f11; Det.S.p.430; Herib.p.56:  
 (G. capitatum & parvulum.) ---  
 \* v. subelliptica, Cleve Nav.p.130:  
 > \* v. Terrestina, Grun.-Cl.Nav.p.131: (G. semiapertum, v. Ter.) --  
PERSICUM, Rabh.S.D.p.59-3f4; Prit.p.339: (G. capitatum.) -  
PERUANUM, Grun.-V.H.S.pl.25f33; Det.S.p.435; Cl.Nav.p.139:  
POHLIAEFORME, K.Syn.p.42-4f50; K.Alg.No.25; Linnea 1333p. :  
 A.M.N.H.1343p.461-13f4; Lagr.1334p.42; (G. constrictum.)  
PUIGGARIANUM, Grun., V.H.S.pl.25f13; Det.S.p.435; Cl.Nav.p.139:  
 \* v. aequatorialis, Cl.Nav.p.139: *Le D. 2, no. 17p. 101-7f1*:  
PULVINATUM, Grun.-R.S.D.p.53-3f13; Prit.p.391: R.E.D.p.292:  
 (Crystallia; -G. dichotomum, var., & intricatum, v.: -Gonium.) ---  
PUPULA, E.-Amer.p.123; Mik.pl.5-1f45; K.B.p.36; K.S.A.p.63: Det.  
 Syll.p.437: (Meridion; -Podosphaenia.)  
PYRIFERUM, Suhr.-K.S.A.p.67: (G. geminatum.) -  
RADICULA, Suhr.-K.S.A.p.67: (G. geminatum.) -  
RAMOSISSIMUM, Naegeli.-K.S.A.p.64: (G. olivaceum, v.) ---  
 > RAMOSUM, K.Synp.p.44: Linnea 1333p. : (Diatoma.)  
RHOMBUM, E., Mik.p.103:  
RHOMBOIDEUM, E.- : Prit.p.392; R.E.D.p.293; Det.Syll.p.435;  
ROBUSTUM, Grun.-M.T.P.3-1-12; Cl.&M.No.40: A.J.M.1377p.151;  
 1373p.103: Lake Michigan; (G. herculeanum.) ---  
ROSTELLATUM, V.-R.E.D.p.233; (G. parvulum: -Sphenella.) -  
 \* v. elongata, K.-R.E.D.p.233;  
ROSTRATUM, Breb.Alg.Fal.p.43, pl.5: S.B.D.2p.99: Prit.p.390: Carr.p.  
 104; R.E.D.p.237: (G. augur & parvulum.) ---  
ROTUNDATUM, E.-Inf.p.213-13f7; Amer.pls.1-2f25; 2f20; 3-1f14; Mik.pls.  
 3-2f14; 9-1f33; 10-2f15; 11f21; 39-1f35; R.S.D.p.53-3f17; 10f11; Marburg;  
 Ebert, Cassel; Prollius p.54; Det.S.p.436:  
 (G. abbreviatum, var., & maculatum.) -  
ROTUNDULATUM, E.-Beitrag 1331p.53; Det.Syll.p.435;  
SAGITTA, Schum.1332p.137-9f29; 1339p.33-2f13; Malaisia; R.E.D.p.296;  
 Bot.Cbl't.1330p.249; V.H.S.pl.25f27: (G. subtile & var.) ---  
SALINARUM, Pant.-Cl.Nav.p.137-5f11, 12:  
 (G. olivaceum v. sal.: -G. salsum.) ---  
 \* v. staurophora, Pant.-Cl.Nav.p.137: (G. olivaceum, v. staui.) ---  
SALSUM, Pant.2p.56-17f235; Det.Syll.p.435: (G. salinarum.) -

Scapha, a's, atlas 216 f. 26-28:

Subacaule, K. 1836: (*Rhip. oedipus*)

Subclavatum,

" *forma media*, Gr. - Cl. 1895 p. 22:

" *v. montana*, Cl. 1895 p. 22:

" *f. suecica*, Cl. 1895 p. 22:



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- SARCOPHAGUS, Greg. - M.J. I856p. I3-If42; S.B.D. 2p. 99: Prit. p. 391: Carr. p. I04; R.E.D. p. 234; Brun Alp. p. 35-3f10; Cl. I39Ip. 50; Perag. p. 54; Woll. pl. 27f10: Malaisie; Del. S. p. 429; Herib. p. 31: (G. aequalis: -G. angustatum, v.) -- (G. aequalis.) ---
- " v. minor, Rabh. E.D. p. 234; (G. aequalis.) ---
- SAVANNAE, E. - Mik. p. 332; Prit. p. 392; R.E.D. p. 392; Del. S. p. 433;
- SAXONICUM, Rabh. Alg. Exsicc. No. 39: (G. acut.) ---
- > SCEPTUM, Rabh. S.D. p. 30-3f13; Prit. p. 337: (G. acuminatum, v. sc.)
- SEMIAPERTUM, Grun. - V.H.S. pl. 24f42; Lake Michigan; Woll. pl. 27f15: Cl. & M. No. 264; Cl. Nav. p. I32: Atlas 216 f5-7: (G. acuminatum, v.) ---
- " v. Tergestina, Grun. - V.H.S. pl. 25f40; Herib. p. 31: - (G. parvulum, v. Ter.)
- SEMIELLIPTICUM, Ag. Cons. p. 33; K. Syn. p. 37; Linnaea I833p. 565: (Cocconeum & Cymbella cistula; -G. filicin.) --- *Seit C. M. 2. 130 p. 17, f. 4:*
- SEPTATUM, Ag. Cons. p. 33; K. Syn. p. 39: Linnaea I833p. 567; Leiblein, *Labl. Flora Regensb. p. 327, f. 9: - (G. minutissimum, olivaceum & septatum.) ---*
- SIGMA, E. - Mik. pl. 37-If15; <sup>1830</sup>
- SILICULA, E. - Mik. pl. 37-If16;
- SIMPLEX, K. Syn. p. 37-4f52; Linnaea I833p. 565-3f52: (Cymbophora gastroides; -Cocconeum (& Cymbella) cistula & cymbiformis.)
- SPHAEROPHORUM, E. - Abh. Ber. I845p. 73; Mik. pls. 33-II f6; 35A-7f14; B.O. N.H. I86Ip. 344, f75: Lake Michigan; V.H.S. pl. 23f30: Woll. pl. 27f1, 2; Cl. I69Ip. 49; Nav. p. I35: (G. laevigata & parvulum.) -
- SPHENELLOIDES, Rabh. S.D. p. 53-3f1: Prit. p. 339: Weisse I864p. I09-If16; Schum. I864p. I9-2f16; (G. abbreviatum, v.) --
- SPLENDIDUM, Breb. Cons. p. I4: (Lichophora.) ---
- STAURONEIFORME, Grun. I873p. 9: J.R.M.S. I879p. 673: Del. Syll. p. 434; (G. olivaceum, var.) -
- " v. Caspia, Grun. I863p. 9-3f2; Del. Syll. p. 434;
- SUBCLAVATUM, Grun. I834p. 46-If13; Cl. & M. I37; I33Ip. 73; I39Ip. 49; Nav. p. I33; *Woll. S. 24f1; T. No. 210: Herib. p. 55: CC. 1877p. 2 -* (G. dichotomum, var. "b": -G. longiceps, var. s.: -G. montanum, var. s.: -G. cygnus, commutatum, calcareum, ~~mistela~~, longiceps, Brebissoni, Kinkerianum & Mexicanum.)
- > " v. acuminata, H. & Perag. - Herib. p. 55-3f3; Cl. Nav. p. I34;
- " v. montana, Schum. - Cl. Nav. p. I34: (G. acuminatum v. submont.)
- " v. mistela, E. - Cl. Nav. p. I34: *CC. 1895p. 22: dest. 1897p. 27: (Gomph.) --*
- " " forma curvata, Br. & Perag. - Cl. Nav. p. I34;
- " v. obliqua, Grun. - Cl. Nav. p. I34;
- SUBRANOSUM, Ag. Cons. p. 34; Linnaea I833p. 570-3f44; K. Syn. p. 42-3f44; K. B. p. 35-3f15; K.S.A. p. 65: K. Alg. Exs. No. I52; Montagne Fl. Alg. p. I90: Leiblein Reg. Flora I830 p. 323, f5, 9: Prit. p. 339: V.H.S. pl. 25f26, 27; Nylander, w.: Lag. I834p. 31; Perag. p. 54; R.E.D. p. 235: (G. constrictum, olivaceum, ~~septatum~~.) -
- " v. clavata, Rabh. E.D. p. 235: - (Gomph. e.) --
- " v. erosa, Rabh. E.D. p. 235: (Gomph. e.)
- SUBTILE, E. - Amer. p. I23; Mik. pls. 2-2f45; 5-3f34; I5-A, f90; I5-3f36; I7-2f43; K.B. p. 37; K.S.A. p. 68; R.S.D. p. 30; M.J. I856p. I2-If12; S.B.D. 2, p. I00: Prit. p. 337: Amazon; Schum. I864p. 20-2f19; Kinnora; R.E.D. p. 233:

+ Subtile, E. -

" v. *rotundata*, A. Cl. 1895 p. 21.:

" f. *angusta*, V. H. S. pl. 23 f. 14:

Tropicale, Brun. - Atlas 216 f. 3, 4:

Grün. I373p. I2; Petit liste p. I7; Brun Alp. p. 35-6fII, I2; Dannf. p. 23; V. H.S. pl. 23fI3; Cl. I33Ip. 3; I39Ip. 49; Nav. p. I32; <sup>Bot. Cbl. p. I33p. 249; Perap. I. 54; Del. Syll. p. 425; Herib. p. 53; Cl. 1895p. 21</sup>

\* *v. sagitta*, Schum.-Cl. Nav. p. I32: 1895p. 21: (G. sag.)--

SZABOI, Pant. 3p2. -2f34: (G. lanceolatum.)--

TELOGRAPHICUM, K. B. p. 34-3f9; K.S.A. p. 33; Perap. p. 54: -(G. exl. III & v.)

TENELLUM, K. B. p. 34-3f3b; I4f7(5, 5); K.S.A. p. 33; R.S. D. p. 55-5f7; R.E.

D. p. 233; R. Alg. Eur. II63; S.B.D. I. 30-29f243; Braemar; Mull; Prit. p.

339; Heib. p. 96; New Zealand; Eil. Sp. T. 43; Hall; Grün. I363p. 22; O'M.

Kerg.: Petit & Lend.; liste p. I7; Eiben, I37I; Sm. Sp. T. I33; Kinnora;

Cl. & M. I39; I33Ip. 3; I39Ip. 49; Bellac, Luchon; Dannf. p. 23; Brun Alp.

p. 35-6f5(a); V. H.S. pl. 24f22-25; Malaisie; wolle pl. 27fI3; Herib. p. 53;

Spamer, Duren;

(G. acuminatum, clavatum, ~~microide~~, olivaceum: -Styllaria minutissima.)

\* *v. micropus*, Grün. I363p. 23; R.E.D. p. 234; Brun Alp. p. 35-6f5(p): —

Malaisie; (G. mic.)--

TENUICOLLE, E. - : Prit. p. 392; R.E.D. p. 234; Del. S. p. 436;

TINCTUM, Ag. Cons. p. 35; Linnea I333p. 57I-3f59; K. Syn. p. 43-3f59:

(Liemophora fibula & t.: -Rhipidophora elongata.)-

TRANSYLVANICUM, Pant. 3p. -I4f2I9, 220; Cl. Nav. p. I37:

TRIDENTULUM, Rabh.-Heaw. Vol. I(I352)p. I03-I3f5; Del. S. p. 436;

TRIGONOCEPHALUM, E.-Mik. pl. 3-I5f56; Lake Michigan: -(G. acuminatum, var.)-

> TRUNCATUM, E.-Beitl. I352p. 33: Inf. p. 2I3-I3fI; Mg. pls. 5-I135; 3-I135a-a:

7-3a, f3I; 7-3b, fI0; 9-I133, 34; I4f33, 39; I0-2fI4; I1f20; I3-3f37; —

I7-I154; I7-2f42; 33-3fII; 33-I0fI3; 34-Ia, f3; 34-I2b, f3a, b; 35A-7f

I5; 37-I1fI2; 39-3f70; Abh. Ber. I369p. Ie, f9; Hass. Alg. p. 42I-93f2:

(G. constrictum, geminatum, paradoxum, pohliaeforme.)--

TURGIDULUM, E.-Mik. pl. 4-2f34: (G. capitatum & Persicium.)-

TURGIUM, E.-Mik. pl. 2-2f40; Grün. I373p. II: Cl. I33Ip. 3; V. H.S. pl. 23fII:

wolle pl. 27f9; Lake Michigan: 4-2f34; (G. constrictum, v. 3 & capitatum.)-

TURRIS, E.-Amel. p. I23; Mik. pls. 2-2f42; 4-2f40; 4-3f23; I4f70, 7I; 33-5f

6; 34-3f3; 33A-3f4; K.B. p. 37; K.S.A. p. 37; E., Abh. B. I359pls. Ia, fII:

2-I1f4; Prit. p. 339; R.E.D. p. 293; Grün. I355p. II: Amazon; Soetra; V. H.

S. pl. 23f3I; T. No. 209; Kinnora; wolle pl. 23f25; Lake Michigan; Cl. I39I,

p. 49; Del. S. p. 424; (G. acuminatum, v., & apiculatum.)-

\* *v. apiculata*, Grün. I365p. I0-I1fI2a, b; Amazon; Del. Syll. p. 424;

(G. gracile, var. lanceolata.)-

TURRITUM, Gr. -M. J. I356p. I2-I1f40; S.B.D. 21. 99; Del. S. p. 436;

VALIDUM, Cleve Nav. p. I35-5f9:

\* *v. elongata*, Cl. Nav. p. I35-5f3:

VENTRICOSUM, Carruthers p. I03; Cl. & M. 93; I39Ip. 50; Nav. p. I36; Sm. Sp. -

I. 370; Grün. I373p. II: V. H.S. pl. 25fI3; 27f5 (G. capitatum & var.)--

\* *v. maxima*, Cl. Nav. p. I37-5fI3:

\* *v. ornata*, Grün.-V. H.S. pl. 25fI4, I5; Cl. Nav. p. I37: (G. Dubravicense.)-

\* *v. tasmanica*, Cleve Nav. p. I37:

VIBRIO, E.-Amel. p. I23pl. 2-I1f40; K.B. p. 37-29f75; K.S.A. p. 37; R.S. D. p. 59-

3f9; R.E.D. p. 237; Weisse I35Ip. 273-I1fI0c; E. Mik. pl. 39-3f7I; Amazon:--

*Gomphopleura*. - (Reichelt, 1894.)

nobilis, Reichelt. - Besond. abdr. aus den Ber. den  
Nat. Gesells. zu Leipzig, 1893: Lf. 2, Vol. 2, N. 16 p. 79.  
Atlas pl. - 12, 15 & 15, 16:

Diagnosis Generis: - Frustulia cuneiformis: valvis lanceolatis;  
nullo nodulo centrali; nodulis terminalibus: -  
valde elongatis: - (= Reicheltia, cf. H. v. H., 1895.)

S.B.D. I. p. 81-28f242; Mull: Prit. p. 890-12f35; New Zealand: Schum. H. J. p. 37-3f33; I. 321. I. 37-9f31; Mull: Can. I. 103; Nylander, A.: S. S. I. 184; Kinnord; Brun Alp. p. 37-6f6; Petit & Leud.; liste p. 17; Belloc, Luchon: V. H. S. pl. 24f26; T. No. 213; Lake Michigan; Perag. p. 54; Wölle, pl. 27f5; Hoffmann, Marburg; Cl. I. 39 I. p. 45; Malaisie; Det. S. p. 427;

Herib. p. 59: (G. intricatum, var. vibrio.) ----

v. Hebridensis, Greg. - R. E. D. p. 287; Det. S. p. 427: (G. Heb.) --

v. subventricosa, H. V. H. S. pl. 24f27; Malaisie;

VIRIDE, Unger. - Beobacht. Mikrosk. I. 849 p. 709, pl. I:

VITREUM, Grun. I. 873 p. 13: - (G. vitreum, var. g. - (Nav. goniorhiza, var. g.))

VULGARE, Breb. Cons. p. 14; R. E. D. p. 283; Brun Alp. p. 34-6f20; Belloc, Luchon: - (G. olivaceum, var., & geminatum; - Sphenella; - Stylaria palud.)

v. obtusata, Rabh. E. D. p. 283: (G. & Sphenella g.) --

### GOMPHONITZSCHIA. - (Grunow, 1867.) -

CLEVEI, Grun. - Cl. I. 830 p. 102; J. R. M. S. I. 830 p. 397-13f11; Det. Syll. p. 565;

UNGERI, Grun. I. 863 p. 7-1f1; Cl. I. 830 p. 102; Det. Syll. p. 565:

J. R. M. S. I. 830 p. 397-13f17: *Grevillia* Vol. 1 p. 30-2f1a-e:

### GONIOTHECIUM. - (Ehrh., 1787.) -

-, A. J. S. I. 845 p. 336-4f26: -, J. Q. C. I. 37 I. p. 1. 14f1-3:

-, E., Mik. pl. 33B-22f6a:

ANALUS, E. - Mik. pl. 33-13f4; M. D. pl. 42f34: (Euodia gibba.)

BARBATUM, E. - Abh. Ber. I. 844 p. 37; Mik. pl. 13f106; M. D. pl. 42f35; Prit. p. 364; Grun. I. 873 p. 35-4f24; Fortm. Cey. p. 73; Det. Syll. p. 1009:

(Chaetoceros; - Rhizosolenia.) -

COCCONEMA, E. - A. Ber. I. 855 p. 303; Det. S. p. 1010:

CREMATUM, E. - Mik. pl. 39-3f74; Prit. p. 874-15f10; Det. S. p. 1009:

CYMBALUM, E. - Abh. B. I. 855 p. 302; Det. Syll. p. 1010:

DANICUM, Grun. - M. T. P. 4-I-9: (Chaetoceros; - G. duartei, v. D.)

DECORATUM, Brun I. 39 I. p. 23-12f6; Det. S. p. 1003:

DIDYMIUM, E. - Abh. Ber. I. 844 p. 23; M. pl. 13f104; V. S. A. p. 23; Prit. p. 364; M. D. pl. 42f36; Wölle pl. 64f31; Det. S. p. 1010:

EURYOMPHALUM, E. - Abh. B. I. 855 p. 302; Det. Syll. p. 1010:

GASTRIDIDIUM, E. - Abh. B. I. 844 p. 23; M. pls. I. 3f91a, b; 35A-17f13; V. S. A. p. 23; Weisse Gu. p. 306-2f40; M. D. pl. 41f40; Det. S. p. 1003: (Chaet.) --

HISPIDUM, E. - A. Ber. I. 844 p. 23; Mik. pl. 13f107; V. S. A. p. 23; Prit. p. 364; Jan. Gu. p. 24-1a, f35; Det. S. p. 1003: (Chaetoc.)

MARIS-MORTUI, E. - A. Ber. I. 849 p. 191; Mik. p. 43; Det. S. p. 1009:

MONODON, E. - Abh. B. I. 844 p. 23; M. pls. I. 3f97; 33-13f12; V. S. A. p. 23; M. D. pl. 42f37; Prit. p. 864; Weisse I. 854 p. 242-1f23; Wölle 64f30; Det. S. p. 1009:

NAVICULA, E. - A. Ber. I. 841 p. 23; M. pls. I. 3f103a, b; 35-17f11; V. S. A. p. 23; M. D. pl. 42f37; Prit. p. 364; Weisse Guano p. 306-2f41;

Det. Syll. p. 1009: (Chaetoceros.) ----

OBTUSUM, E. - A. Ber. I. 844 p. 23; Mik. pl. 13f95; V. S. A. p. 23; Prit. p. 364;

Wölle pl. 64f33; Det. S. p. 1009:

+ odontella,

" var. denice, Gr. - V.H.S. pl. 105 f 11, 12:

prolongatum,

" v. ventricosa, L.S. 2, n° 22 p. 238-2 of 9-11:

> Tenuis, Br. - L.S. 2, n° 16 p. 77-5 f 5, 6:

- ODONTELLA, E. - Abh. Ber. 1844p. 23; Mik. pls. 13f94; 33-13f13, 14; 33-13f15;  
 K.S.A.p. 23; Q.J.M.S. 1853p. 107-7f47, 43; Prit. p. 364-3f29; M.D. pl. 42f44;  
 ---, Witt 1835p. 25-7f7, 3; Wolle pl. 64f17, 18; Atlantic  
 City; Part. 21. 74; Det. Syll. p. 1009; (G. canaliculata.) ---  
 PROLONGATUM, Grev. - T.M.S. 1865p. 56-6f29; Det. S. p. 1003;  
 ROGERSII, E. - Amer. p. 123; Mik. pls. 13f92, 93; A.J.S. 1844p. 301; K.B. p. 151;  
 K.S.A.p. 25; M.D. 1853p. 107-7f43-46; Prit. p. 364; M.D. pl. 42f30; Fortm.  
 Cey. p. 73; Wolle pls. 25f20; 64f17-19; 64f32; Atlantic City; A.M.N.S.  
 1891p. 1. 2f31; Det. S. p. 1009; (Navicula concentrica.) ---  
 STRIGATUM, Bailey Coll.: Det. Syll. p. 1010;  
 SZAKALENSE, Part. II. 42-30f305; Notul. 1833p. 533; Det. S. p. 1003;  
 URCEOLATUM, E. - Abh. Ber. 1855p. 302; Det. S. p. 1010;  
 VITRIPONS, Bran 1891p. 29-12f5; Det. Syll. p. 1008;

GONIUM. ----- (Muller, 1786.) -

PULVINATUM, Muller, Animale. Infus. (1786) pl. 43; (Gomphonema.) -

GOSSLERIELLA. --- (Schuett, 1892,

TROPICA, Schuett. - De Toni, Syll. p. 1425;

GRALLATORIA. --- (Kütz., 1844.) -

A Subgenus of Syneura: - Vide K.B. p. 63; K.S.A.p. 47; Meneg. A.N.D. p. 402. ---

GRAMMATONEMA. --- (Kütz., 1844.) -

- , Meneg. A.N.D. p. 331; -, K., Phyc. Germ. p. 140;  
 STRIATULUM, Kütz., Phycolog. German. 1845, p. 140; K.S.A.p. 137;  
 (Conferva; - Frag. aurea & Jurgensii? - Grammonema.) ---  
 " var. " b " diatomoides, K.S.A.p. 137; (Nematoplata caudata; -  
 Frag. diat., & striatula; - & Arthrodesmis str.) ---

GRAMMATOPHORA. - (Ehr., 1839.) -

- , Amer. Nat. 1863p. 510-13f20; -, Meneg. A.N.D. p. 473;  
 -, Archiv. Micr. Anat. 1836p. 31; -, Pfitzer p. 121;  
 ACRIATICA, Grun. - V.H.S. pl. 53(2)f19; Villef. p. 33; (G. maxima, v.) ---  
 AFRICANA, E. - ~~Kütz.~~ 1850p. 72; Mik. pls. 13f33a, b; 21f27; 22f32; 35A-20f1, 2;  
 19f34a-c; Mont. Flor. Alg. p. 195; K.B. p. 129; K.S.A.p. 121; Williamson p.  
 17-1f4-3, 3; Prit. p. 308; Weiss. G. p. 303-2f42; Grun. 1852p. 420; - (Nav.) -  
 AMBIGUA, Grun. - V.H.S. pl. 53(2)f14; (G. maxima, v.) -  
 ANGUINA, K.B. p. 129-17f25; K.S.A.p. 121; Prit. p. 309;  
 Hedw. Vol. 6p. 7; (G. serpentina.) -  
 ANGULATA, E. - Abh. Ber. 1839p. 153;  
 ANGULIFERA, Grun. : Det. Syll. p. 759;  
 " v. Australiensis, Grun., V.H.S. pl. 53(2)f5; - (G. ang.) -  
 ANGULOSA, E. - Kreid. 1839p. 73; Amer. pls. I-3f11; 2-3f7; 3-7f34; Mik. pls.  
 13f33; 19f35; 21f23; K.B. p. 129-29f79; 30f79; K.S.A.p. 120; Mont. Fl.  
 Alger. p. 192; Prit. p. 303; Weiss. G. p. 307-2f42; Jan. G. p. 24-1a, 1f9;  
 Grun. 1852p. 419; 1853p. 4; Reinhard; R.E.D. p. 304; Alcock, Baltic; Petit

Arcuata, E. - Oestrup Mar. D. pl. 6 f 74: 1897 p. 340: Petit, Cap Horn:

|| var. antarctica, Gr. - Bot. C. 1881 p. 3: Petit, Cap Horn:



- Cat. p. 33: M.T.P.I-6-21; Carp. I. 331p. 362, f191 sub; V.H.S.p. I. 64; T. No. 351; Wille pl. 49f11-I3; Det. Syll. p. 759: *Petit, Cap Horn*
- \* v. hamulifera, K. - Grun. I. 362p. 419; R.E.D. p. 304; Det. S. p. 757:  
V.H.S.p. I. 64-53f4; (Grun. h.)
- \* Islandica, E. - Cleve Vega p. 434; (Gram. I.)
- \* v. major, Grun. I. 362p. 419;
- \* v. Mediterranea, Grun. - V.H.S. pl. 53f5: Villef. p. 66: Malaisie:  
(Gram. Islandica.) -
- \* v. uncina, Grun. - V.H.S. pl. 53f6; (G. unc.) --
- ARCUTICA, Cl. I. 337p. 364-23f1: I. 363p. 222; Nares p. : I. 373p. 23: Vega p. 434; M.J. I. 374p. 253-3f2; Reinhard; V.H.S. pl. 53(2)f3: Grun. I. 334p. 5-2f15; Det. S. p. 752: *Oestrup 1897 p. 340: Petit, Cap Horn* (G. mon. glifera.) ----
- ARCUATA, E. - Abb. B. I. 353p. 523; Mik. pl. 35A-25f11, 12; Prit. p. 309; Cl. I. 337p. 364; I. 373p. 23; Vega p. 434; Grun. I. 362p. 420-II f7; I. 363p. 4; R.E.D. p. 305; Reinhard; Petit Cat. p. 34; Det. S. p. 753: (G. curvata.) ---
- \* var., Cl. & M. No. 294;
- \* v. arctica, Grun. - Bot. Cbl't. I. 331p. 3, No. 7; Cl. Vega p. 434;
- ARCUS, Brun I. 391p. 29-I3f4a-d: Det. S. p. 753;
- ARENARIA, Bailey. - Lens Vol. I, p. 232;
- ARNOTTII, Grun. - V.H.S. pl. 53(2)f4; Det. S. p. 759: (G. Mulleri, v. ?) --
- BALFOURIANA, S.B.C. 2p. 45-6f1533; O.M.I.D. p. 313:  
(Diatomella; -Disiphonia Australis.) ----
- BHARENSIS, Part. I. p. 39-30f307-309; 3p. -24f354: Notar. I. 333p. 534;  
Det. S. p. 755: (G. stricta, v.) -
- CARIBAEA, Cl. I. 373p. 14-2f27; Fortm. Cey. p. 55; V.H.S. pl. 53(2)f19: Det. S. p. 756: Wille pl. 49f19: *Petit, Cap Horn* (G. macilenta, var., & unilata.)
- CURVATA, E. - Mik. pl. 35A-22f13; Prit. p. 309; R.E.D. p. 309: (G. arcuata.) --
- ELONGATA, Harting Banda p. 14-2f39; Malaisie; Det. S. p. 753;
- EPSILON, Grun. - V.H.S. pl. 53(2)f26; Det. Syll. p. 759;
- FLEXUOSA, Grun. - Bot. Cbl't. 1881 p. 13: Det. Syll. p. 759; Malaisie; *Petit, Cap Horn* -
- \* v. delicatula, Grun. - V.H.S. pl. 53(2)f22: (G. flex.) -
- \* v. Hondurensis, Grun. - V.H.S. pl. 53(2)f23: (G. flex.) -
- \* v. Japonica, Brun & Temp. p. 71;
- GALLAPAGENSIS, Grun. - V.H.S. pl. 53(2)f20: (G. unilata, v.) --
- GIBBA, E. - Amer. pl. 2-6f8; K.B.p. I. 29-29f77; K.S.A.p. I. 21; Breb. Verm. p. 10: Prit. p. 303; II f48, 49; Grun. I. 362p. 415; R.E.D. p. 305; Perag. p. 74; Wille pl. 49f6, 7; Malaisie; Det. Syll. p. 751;
- GIBBERULA, K.B.p. I. 29-30f81; K.S.A.p. I. 21; Prit. p. 303; Grun. I. 362p. 415-II f17; I. 363p. 4; R.E.D. p. 305; Petit Cat. p. 33; Fortm. Cey. p. 55; Cl. I. 373p. 14; V.H.S. pl. 53f13; T. No. 351; Det. S. p. 751: *Petit, Cap Horn*
- HAMULIFERA, K.B. p. I. 23-I7f23; K.S.A.p. I. 20; Prit. p. 303-I7f22:  
Cl. & M. No. 67: Vega p. 503: *Petit, Cap Horn* (G. angulosa, v.)
- \* var., H.L.Sm. Sp. T. No. I. 35;
- \* v. constricta, Grun. - V.H.S. pl. 53(2)f6; *2 forma Capensis.*
- HUNGARICA, Part. 2p. 37-4f33; 9f133; I. 3f231; Det. Syll. p. 753;
- INCURVA, Bailey. - Lens Vol. I, p. 202: (G. parva.) ----
- INSIGNIS, Grun. - V.H.T. Nos. 545, 546 sub; Part. 2p. 36; Det. Syll. p. 753;  
Botan. Centblt. I. 333p. 324;

+ Islandica, E. - Petit, Cap Horn:

12  
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+ Longissima, Petit Cap Horn.

marina, Ardison 183p. 399, No. 12:

marina,

" V. intermedia, Gn. - V.H.S. 53 f 15:

" V. nodulosa, Gn. - V.H.S. pl. 53 f 14:

\* v. Doljensis, Grun.-Pant. Iq. 33-26f233; 2, p. 68: Notar. I333p. 534;  
Det. Syll. p. 753;

ISLANDICA, E.-Amer. p. I23; K.B. p. I29; K.S.A. p. I2I: Prit. p. 303; Cl. I333  
+ p. 222: Nares p. : I373p. 24; Cl. & M. No. 23; Grun. I332p. I13; 2, p. 1.  
p. 305; Grevillea I371p. 39; Lager. I373p. 23; Sm. Sp. T. I33: Shark River:  
V.H.S. pl. 53f17; Det. S. p. 753: *Oestrup 1897 p. 340*: (G. angulosa, v.)-  
\* v. biundulata, Grun. I332p. 4I9-II f I5;  
\* v. hamulifera, Grun. I332p. 4I9-II f I1; Lager. I373p. 23;  
\* v. major, Grun. I332p. 4I9; Malaisie;  
JAPONICA, Grun.-V.H.S. pl. 53(2) f I3: (G. undulata, v.)-  
JAPONICA, Pant. 3p2. -24f348;

LONGISSIMA, Petit Cat. p. 34-5f2I; J.R.M.S. I373p. 245-I5f2I; V.H.S. pl.  
53(2) f I; Hedw. I373p. I30; Malaisie; Det. S. p. 753: *Bot. Cbl't 1881 p. 25*.  
\* v. Italica, Cast. A.M. I375p. : Gram. Long. I330p. 32; V. I. S. pl.  
53(2) f2: Villef. p. 67; Det. Syll. p. 759;

LYRATA, Grun.-V.H.S. pl. 53(2) f2I: Cl. & M. I32: Det. S. p. 759;  
\* v. Japonica, Pant. 3p. -24f344;

MACILENTA, S.B.D. 2p. 43-5f332; Prit. p. 303; Breb. D.C. p. 26; Verm. p. I0, f  
20; Grun. I332p. 4I6; Carr. p. 90; Hull: R.E.D. p. 304; Malaisie; Cl. I333  
p. 222; I373p. I4; Eiben, I37I; Reinhard; Sm. Sp. T. I37: Perag. p. 74:  
Villef. p. 66: - (G. oceanica, v.: -G. marina, v.: -G. caribaea & nouilosa.)---

\* v. subtilis, Grun.-V.H.S. pl. 53f I6; Malaisie; Perag. p. 74;  
\* v. subtilissima, Schaacht Micr. p. -If I3; R.E.D. p. 304;

MARINA, K.B. p. I23-I7f24; I3f I; K.S.A. p. I20; S.B.D. 2p. 42-42f3I4; Breb.  
D.C. p. : R. Alg. E. No. 32I; westendorff No. 792; Hohenack. Alg. No. 435: R.  
E.D. p. 303, f3Ia, b; Prit. p. 303-4f47; II f52, 53; Heib. p. 7I; R.D. Ex. 36;  
Hull; Grun. I332p. 4I5; I333p. 4; Eil. Sp. T. 49; M.D. pl. I2f35; Reinhard;  
Jan. Ga. p. 24-26, f5; Guinard p. 36; N. & R. S. p. 7I; Carr. p. 90; Edw. M. I.  
2f I5; Girard foss. p. 9-2f I0, I6; Breb. Verm. p. I0; Cl. I333p. 222; Petit  
Cat. p. 33; Table B. p. 3; Class. f24; O'M. Kerg.: I.D. p. 3I5-29f I; Fortn.  
Cey. p. 54; Lanzi, I373p. 5; T.M.S. I377 -I37f24; Shark River: Eiben,  
I37I; Deby Polder p. I6; M.T.P. I-3-I4 to I7: Mobile; V.H.S. p. I63;  
Villef. p. 33; Woll. pl. 49f3-I0, I4-I6; Malaisie; Det. S. p. 752;  
(Bacillaria Adriatica, Cleopatrae & Meneghini: Diatoma brachydonum,  
marinum, tenue, v., & latruncularium, Lyngbyei, taeniaeforme: -Conferva  
obliquata & taeniaeformis; -Frag. fasciata & latruncularia: -Gram.  
Adriatica, incurva, intermedia, Mexicana, ) ~~Oceanica~~ )---

\* var., Petit Cat. p. 33-5f20: J.R.M.S. I373p. 245-I5f20;

\* var., V.H.S. pl. 53f I2;

\* v. Balduickiana, Grun.-V.H. Type Series 22, No. : Det. Syll. p. 753;  
Botan. Cbl't. I333p. 324;

\* v. communis, V.H.S. p. I63; T. No. 355; (G. oceanica, v.)----

\* v. macilenta, V.H.S. p. I64; T. No. 353; (G. mac.)

\* v. major, Grun.-V.H.S. pl. 53f I0, I1;

\* v. minor, Grun.-V.H.S. pl. 53f I3;

\* v. Oceanica, forma communis, Grun.-V.H. Type No. 55 sub: -(Var. communis.)

\* v. " " vulgaris, Grun.-V.H. T. No. 353: (Var. vulgaris.)

+ Maxima, J. A. C. 1885 p. 168:

+ Oceanica, E. -

+ " var. macilenta (subtilis) Oestrup 1897 p. 340-2 f 11, 12, 19:

, " v. intercedens, Gr. Bot. Centbl. 1881 p. 19: Petit, Cap. Horn:

+ ovalanensis, Bot. Cblt. 1881 p. 14: Petit, Cap. Horn:

- v. *Ovaladensis*, Grun.-DeToni, Sylloge p.753: (G.Oval.)-  
 v. *subtilissima*, Grun.-V.H.S.p.164: (G.sibt.)-  
 v. *subundulata*, Grun.-V.H.S.pl.53(2)f10; DeT.Syll.p.753;  
 v. *tropica*, Grun.1362p.415; 1334p.5; V.H.S.pl.53f9; T.No.352:  
 Malaisie; (G.trop.)--  
 v. *vulgaris*, Grun.-H.V.H.S.p.163: (G.Oceanica, var.v.)-  
 MAXIMA, Grun.1362p.416-3f5; 1333p.4; R.E.D.p.305; V.H.S.pl.53(2)f12;  
 O'M.Kerg.: Wolle pl.49f26; Pant.2p.68; Trian 1335p.68-6fII; +  
 v. *ambigua*, Grun.-DeT.Syll.p.754: (G.amb.)--  
 v. *Adriatica*, Grun.-DeT.Syll.p.754: (G.Adr.)--  
 v. *Magellanica*, Grun.-V.H.S.pl.53(2)f13:  
 v. *trinitatis*, Grun.-Bot.Cbl't. 1331p.7, 1.3: Cl.Vega p.50I:  
 DeT.Syll.p.754;  
 MEDITERRANEA, E.-Abh.B. 1344p.83: -(G.serpentina; -Striatella taeniaeform)  
 MEXICANA, E.-Amer.pl.3-7f32; Mont.pl.Alger.p.192; K.B.p.123-13fI(3):  
 29f37; K.S.A.p.120; Prit.p.303; V.H.S.pl.53(2)f11; Wolle pl.49f  
 24, 25: *Petit, Cap Horn*: -(G.marina & tropica; -Striatella taeniaeformis, v.)-  
 MINIMA, Grun.1362p.413-7f5; DeT.Syll.p.756; R.E.D.p.304;  
 MONOLIPERA, Brun & Temp.p.33-7f9; DeT.S.p.752:  
 Pantoc.3p. -IIfI73: (G.Arctica.)---  
 v. *linearis*, Brun 139Ip.29-13f2; DeT.Syll.p.752;  
 MORONENSIS, Grev.-M.J. 1363p.229-9f5; R.E.D.p.305; DeT.S.p.751:  
 v. *japonica*, Brun 139Ip.30-13f3; DeT.S.p.751:  
 MULLERI, Grun.-V.H.S.pl.53f19; DeT.S.p.759: (G.Arnottii, var.)-  
 NICOBARICA, E.-Mik.p.165; DeT.Syll.p.759:  
 NODOSA, E.-Abh.Ber. 1354p.313; DeT.S.p.759:  
 OCEANICA, E.-Abh.B. 1340p.131; Kreid. 1340p.73; Amer.pls.1-1f26; 1-3f  
 10, 33: 2-6f5, 6; Mg.pls.13f37a; 19f36a, b; 33-14f15; 35A-16f5; 39-3f  
 72; Bailey So.p.14, f59; Grun.1362p.417; 1333p.4: 1373p.25; R.E.D.p.  
 303; weisse Gr.p.307-2f44; Cl.1373p.23; Vega pl.434, 503, 501: 139Ip.  
 65; Lagr.1373p.23; Dannf.p.45; M.T.P.1-6-19, 20; Fritsch & M.No.10:  
 Perag.p.74; Pant.Ip.33-17f155; 2, p.68: DeT.Syll.p.755:  
 (Bacillaria Adriatica & marina; -G.marina.)--  
 v. *Indica*, Grun.-V.H.S.pl.53(2)f15:  
 v. *intermedia*, Grun.-Heaw.Vol. (1337)p.7; DeT.S.p.755:  
 v. *macilenta*, Grun.1362p.413; Lagr.1376p.23; DeT.S.p.755: -(G.mae.)---  
 v. *major*, Grun.1362p.417:  
 v. *nodulosa*, Grun.-DeT.Syll.p.755: (G.nod.)--  
 v. *Novae-Zelandiae*, Grun.-V.H.S.pl.53(2)f13; *Novae-Zelandiae*  
 v. *subtilissima*, Bailey.-Pant.Ip.33-16f142; DeT.Syll.p.755:  
 Schacht Micr.p. -IfI3; (G.sibt.)-  
 OVALAUENSIS, Grun.-V.H.S.pl.53(2)f24, 25: + (G.marina, v.)---  
 PARALLELA, E.-Abh.B. 1347p.443; A.O.S. 1351, f11; Mik.pls.13f39, 90: 21f  
 23a-a; 22f32a, b; 33-14f16; 35A-20f3; 39-3f73; Prit.p.303; Grun.1362,  
 p.417; R.E.D.p.305; Fortm.Cey.p.55; Carp.133Ip.363, f191; DeT.Syll.  
 p.754; *Abh.B. 1344p.70*: (G.striata & tabellaria.)  
 v. *fossilis*, Grun. DeT.Syll.p.754; -(G.striata, var.)

+ Serpentina, Carp. 1891, f 403:

PERPUSILLA, Grun.-V.H.S.pl.53(2)f8:

PERUANA, E.-Jan.Gu.p.24-2a, f7; Jan.& R.p.3-3f6; R.E.C.p.300;

DeT.Syll.p.756:

PUSILLA, Grev.-Transac.Botan.Soc.Edinburgh 1863p.574-15f15;

DeT.Syll.p.753:

v.Scotica, Grun.-V.H.S.pl.53f8; DeT.S.p.756:

PUIGGARIANA, Grun.-V.H.S.pl.53f17; DeT.S.p.759:

ROBUSTA, E.-A.Ber.1344p.203; Gippel Prob.p.23-3f9-13; Grun.& T.p.,  
p.71; Pant.Ip.39-30f312, 315, 316; 2, p.68:

v.gracilis, Pant.2p.68-2f320, 322; DeT.S.p.759:

v.minor, Grun.-V.H.Type No.545; DeT.Syll.p.759:

SERPENTINA, E.-A.Ber.1344p.203; Mik.pl.35A-22f14; K.B.p.129-29f32; K.  
S.A.p.121; Mathieu; S.B.D.2p.43-42f315; Front.; Breb.D.C.p. : Grun.  
1332; 420; 1333p.4; Prit.p.303-4f43; Jan.Gu.p.24-1a, f33; R.E.C.p.  
301, f31c; Jan.& R.p.3-4f3; Carl.p.90; Grev.Verm.p.10, f19; Girard 1899  
p.10-1f3; Guinard p.33; Cl.1333p.222; Floegel, Baltic; OPM.Kerf.: I.  
p.315-29f2; Hull; N.& R.S.p.71; Petit Cat.p.34; Table Bai p.3; Fortm.  
Cey.p.55; Shark River; Lagr.1370p.23; Carl.1331p.316, f17; V.H.S.p.  
154-50f1-3; 1.350; Perag.p.74; Villef.p.63; wolle pl.49f1, 20-23; DeT.  
Syll.p.757; Malaisie; M.M.1877p.63-172f1.

(G.anguina & Mediterranea; -Striatella taeniaeformis, "g".) Op

var., Kain & Sch.-T.B.C.1339p.75:

v.bimaculata, Grun.1332p.420:

v.hamulifera, Grun.1332p.420;

v.macilenta, Grun.1332p.420;

STRICTA, E.-Amer.pls.1-1f22; 3-7f31; Abh.3.1370p.2-1f43; K.B.p.129-  
29f76; K.S.A.p.121; Prit.p.303; Weiss G.p.303-2f45; R.E.C.p.300;  
Sm.Sp.1.371; Witt 1333p.13-3f7-14; Grun & T.p.71; Malaisie; wolle,  
pl.49f17, 13: (G.parallela & tabellaria.)---

var., Castr.1337p.57-29f12:

v.Biharensis, Pant.Ip.39-30f307-309; 2, p.67:

v.fossilis, Grun.-Pant.Ip.39-26f239; Notar.1333p.534: -(G.parallela)

SUBTILISSIMA, Bailey.-Prit.p.309; Lewis, N.& R.S.p.71; Floegel, Baltic;  
Sm.Sp.1.190; Fritsch & M.No.10; Shark River; Amer.Nat.p.153(1333):  
(Gram.marina, var.)-

TABELLARIA, E.-Mik.pl.13f39, 90; R.E.C.p.305;

TABELLARIIS, Brun 139Ip.30-13f1; DeT.Syll.p.752;

TAENIAEFORMIS, williamson p.17-1f7, 9:

TROPICA, K.B.p.128-30f71; K.S.A.p.120; Prit.p.303; R.E.C.p.305; Cl.  
& M.63; Grun.1334p.5; (G.marina, var., & Mexicana.)---

UNCINA, Fortm.Cey.p.55-5f30; (G.angulosa, v.)

UNDULATA, E.-Abh.Ber.1340p.161; Kneid.1340p.75; Amer.pl.3-7f33; Mik.  
pls.13f37b; 19f37; K.B.p.129-29f63; K.S.A.p.121; Prit.p.309; Jan.Gu.  
p.25; Grun.1332p.413-7f16; 1333p.4, 93; Breb.Verm.p.10; R.E.C.p.300;  
Petit Cat.p.34; Fortm.Cey.p.55; Cl.1373p.11; Vag. p.303; Perag.p.74;  
wolle pl.49f3-5; Malaisie; DeT.S.p.753;  
(G.Caribaea, Gallapagensis & Japonica.)-

Grinowiella.

gemmata, Grun.-L.D. vol: 2, n: 16 p. 79:

(Scythris.)

Guinardia.

+ flaccidia, Cl. 1897 p. 23: Katt. 1889 p. 54: - (Pyxilla Ballica Balt., Hensen.)



- v. Gallapagensis, Grun.-Det. Syll. p. 754: (G. Gall.)-  
 v. Japonica, Grun.-Det. S. p. 754: (G. Jap.)--  
 v. gibba, Grun.-V.H.S. pl. 53(2) f17; Cl. Vega p. 501: Villef. p. 37:  
 UNDULOSA, Petit Cat. p. 34:

## GRAMMONEMA. ---- (Agardh, 1832.)

- JURGENSII, Ag. Cons. p. 63: A.M.N.H. 1344 p. 449-14f5; 1345 p. 171-19f5; R.  
 E.D. p. 124, f33; Prit. p. 773-15f24, 25; Carr. p. 30: Grun. 1363 p. 3; Eiben,  
 1871: -(Conferva; -Frag. aurea, arcuata, diatomoides & s.: -G. striatulum.)  
 v. diatomoides, Grev.-R.E.D. p. 125: -(Frag. il. d.: -G. striatulum.) ----  
 STRIATULUM, Ag. Cons. p. 63; Grun. 1363 p. 3; Cl. 1373 p. 25; Vega p. 431; St.  
 Sp. 1. 672; A.J.M. 1377 p. 150; Det. Syll. p. 395: + (Arthrodesmia; -Frag.  
 aurea, Carmichaelia & s.: -Grammatonema; -G. diatomoides & s. 11.) ----  
 Oerfup 1897 p. 338: Cl. M. # 19;

## GRAYIA. ----- (Grove &amp; Brun, 1892.) -

- ARGONAUTA, Grove & Brun.-Atlas pl. 172 f11: Det. Syll. p. 937:

## GROVEA. ----- (Grove &amp; Brun, 1892.) -

- PEDALIS, A.S., Atlas 149 f13: (Biddulphia p.)

## GRUNOWIA. ----- (Rabh., 1864.) -

- > SIMULATA, Rabh. E.D. p. 146; Cl. 1363 p. 233; Brun Alp. p. III-3f32; Delogne;  
 Malaisie: (Denticula; -Dimerogramma; -Nitzschia; -Denticulatum.) -  
 TABELLARIA, Rabh. E.D. p. 146, f46; Brun Alp. p. III-3f31; Delogne:  
 Perag. p. 66: (Denticula; -Nitzschia.)  
 v. capitata, Brun, Alp. p. II2-3f31a; 9f20:

## GRYMIA. ----- (Bailey, ?) -

- , J.W. Bailey, MSS.: - (Ditylum.)

## GUINARDIA. ----- (Peragallo, 1872.) -

- BLAVYANA, Perag.-Led. No. 9, p. 107-13f2; Det. Syll. p. 323:  
 v. conspicua, Perag.-Led. No. 9, p. 107-13f1; Det. Syll. p. 323:  
 + FLACCIDA, Perag.-Led. No. 9, p. 107-13f5-5; Det. Syll. p. 323: (Eucampia striata, v. maxima; -Rhizosolenia f. & Castracanei, Clav.)

## GUTWINSKIELLA. - (De Toni, 1894.) -

- CIRCULARIS, Brun.-Det. Syll. p. 1324: (Cotyledon c.) -  
 CLYPEUS, Brun.-Det. Syll. p. 1324: "  
 CORONALIS, Brun.-De Toni, Sylloge p. 1324: "

## GYRODISCUS. ----- (Müll., 1845.) -

- HUNGARICUS, Pant. 2p. 75-9f167; Det. Syll. p. 1012:  
 VORTEX, Witt 1335 p. 25-9f5; Pantoc. 2, p. 75: 3f. -24f355:  
 Det. Syll. p. 1012: 20 f 313

## GYROPTYCHUS. --- (A. Schm., 1889.) -

- CONTABULATUS, A.S., Atlas 149 f19: Det. Syll. p. 1426:

+ arctium. cl. - Oestrup 1897 p. 314.

- , R.S.D.p.47: Archiv.Med.Anat. 1363 Nos. I, 2:  
 ACUMINATUM, K.-Rabh.S.D.p.47-5f5a; Weisse 1364p.361-4f33; Hoffmann,  
 Marburg; M.D.pl.IIf14; Cl.Nav.p.II4:  
 (Frusulia; -Pleurosigma a., lacustre & Transylvanicum)  
 " v.culta, Grun.-Cl.Nav.p.II4: (Pleur.a., var.culta.) ----  
 " v.Brebissonii, Grun.-Cl.Nav.p.II4;  
 (Pleur.Breb., & scalprum; -Pl.Balticum vars."g" & Breb.) -  
 " v.Gallica, Grun.-Cl.Nav.p.II4; -(Pleur.Gallicum & scalproides v.Gall.)  
 AESTUARIUM, Breb.-R.S.D.p.47; M.D.pl.IIf35: (Pleur.a.)  
 AGELLUS, E.-Rabh.S.D.p.47: (Pleurosigma.) -  
 ANGULATUM, E.-M.D.pl.IIf32: -(Pleur.) ( ) --  
 ANGUSTUM, Donk.-Cl.Nav.p.I20: (Donkinia; -Pleur.) --  
 " v.Sumatrana, Cl.Nav.p.I20: (Plum.) --  
 APULUM, Rabh.S.D.p.47-5f7: ~~achuanthes hung.~~ (Plum.) --  
 ARCTICUM, Grun.-Cl.Nav.p.II9: -(Donkinia strobilifera; -Rhoicosigma) ----  
 " v.irregulare, Perag.-Cl.Nav.p.II9: (Pleur.a.var.irreg.)  
 ATTENUATUM, K.-Rabh.S.D.p.47-5f2; M.D.pls.IIf17; IIf15; Weisse 1360p.  
 359-3f42; Macdonald pl.IOf26; Hoffmann, Marburg; Cl.Nav.p.II5:  
 (Frusulia; -Pleur.hippocampus; -Pl.att., var.Caspia.) ---  
 " v.scalprum, Gaillon.-Cl.Nav.p.IIf6: -(Navic.: -Pl.acum., W.S., & Kochii.) -  
 BAILEYI, Grun.-Cleve Navic.p.II4: (Pl.B.) ---  
 BALTIUM, E.-Rabh.S.D.p.47-5f6; M.D.pl.IIf10; Cl.Nav.p.II3;  
 (Navicula; -Pleur.B. & macron.) ----  
 " v.Californica, Grun.-Cl.Nav.p.II9: (Pl.Balt., v.Calif.) -  
 " v.similis, Grun.-Cl.Nav.p.II9: (Pleur.s.)  
 " v.Sinensis, E.-Cl.Nav.p.II9: -(Navicula; -Pl.S., var.Calcuttensis.)  
 COMPACTUM, Grev.-Cl.Nav.p.I20:  
 (Donkinia antiqua & c.: -Pleur.Smithianum;  
 Rhoicosigma Antillarum, c., Corsicanum, oceanicum, Reichardtianum.) --  
 " v.constricta, Grun.-Cl.Nav.p.I20: (Rhoicosigma c.)  
 CURVULA, Rabh.S.D.p.47-5f3; Weisse 1360p.359, 361-3f44;  
 1364p.361-4f37; Hoffmann, Marburg; -(Pleur.; -Pl. & G.Spencerii.) --  
 CUSPIDATUM, Rabh.S.D.p.47-5f5b; (Pl.acuminatum, var. & c.) -  
 DECORUM, ~~MS.~~ -M.D.pl.IIf26: (Pleur.a.) --  
 DELICATULUM, ~~MS.~~ -M.D.pl.IIf32: (Pleur.a.) -  
 DIAPHANUM, Cleve Navic.p.II5:  
 DIMINUTUM, Grun.-Cl.Nav.p.II9: (Pl.dim.) -  
 " v.constricta, Grun.-Cl.Nav.p.II9: -(Pl.Biharensis, c., & reversum.) ---  
 DISTORTUM, W.S.-M.D.pl.IIf20; Cl.Nav.p.II6: (Pl.dis.) --  
 " v.Parkeri, Harrison.-Cl.Nav.p.II6: (Pl.Park.) ---  
 " v.stauroneoides, Grun.-Cl.Nav.p.II6: (Pl.Parkeri v.staur.)  
 DUBIA, Rabh.S.D.p.47: (Pleur.) --  
 ELONGATUM, ~~MS.~~ -M.D.pls.IIf18; IIf31: (Pl.el.) --  
 FASCIOLA, E.-M.D.pl.IIf21; Cl.Nav.p.II6: (Pl. & Ceratoneis f.)  
 " v.arciata, Donk.-Cl.Nav.p.II6: (Pl.arc.) -  
 " v.sulcata, Grun.-Cl.Nav.p.II6: (Pleur.s.)  
 " v.tenuirostris, Grun.-Cl.Nav.p.II6: ~~Sturp. 897p.313:~~ (Pl.ten.) -  
 FEBIGERII, Grun.-Cl.Nav.p.II5: (Pleur. & Spencerii var. f.) ----



- FORMOSUM, *W.* -M.D.pl.IIf25: (Pleurosigma f.)  
 GLACIALE, Cl.Nav.p.II5: (Pl. & Rhoicosigma g.)---  
 GROVEI, Cl.Navic.p.II3: (Pl.Grovei.)---  
 HASSALLI, Rabh.S.D.p.47-5fI: weisse 1860p.359-3f4I; 1864p.I07-  
 IIf15; Hoffmann, Marb.: (Nav.sigma; -Pl.acuminata, Grun.)-  
 HIPPOCAMPUS, *W.* -Hassall Alg.p.435-102fII: R.S.D.p.47-5f3; M.D.pl.  
 IIf36; (Nav.: -Pleur.)-  
 INTERMEDIUM, *W.* -M.D.pl.IIf36: (Pleur.i.)-  
 KUTZINGII, Grun.-Cl.Nav.p.II5: (Pleur.gracilentum, K., &  
 Wormleyi: -Pl.Spencerii vars.acutiuscula & K.)---  
 LACUSTRE, *W.* -M.D.pl.IIf13: (Pl.lac.)-  
 LAMPROCAMPA, *W.* -R.S.D.p.47-5f9: weisse 1860p.359-3f43: - (Nav.: -Pleur.)  
 LINEARE, Grun.-Cl.Nav.p.I20: (Rhoicosigma.)-  
 " v.longissima, Cl.Nav.p.I20: (Donkinia & Pl.long.)  
 LITTORALE, W.S.-M.D.pl.IIf19; Cl.Nav.p.II6: (Pl.lit.)-  
 MACRUM, W.S.-M.D.pl.IIf22; Cl.Nav.p.II7: (Pleur.m.)---  
 MEDITERRANEUM, Cl.Nav.p.I2I: (R'digma.M.)  
 " v.calcarea, Brun.-Cl.Nav.p.I2I:  
 " v.Chinensis, Cleve Nav.p.I2I:  
 NAVICULACEUM, *W.* -M.D.pl.IIf37, 38--Edition 1854: - (Pl.nav.)-  
 OUSCUM, *W.* -M.D.pl.IIf27: (Pl.ous.)  
 PROLONGATUM, *W.* -M.D.pl.IIf23: Cl.Nav.p.II7: (Pl.prol.)  
 " v.closterioides, Grun.-Cl.Nav.p.II7: (Pleur.pro., var.clost.)--  
 PLAGIOSTOMUM, Grun.-Cl.Nav.p.II3: (Pl.p. & Sciotsense.)  
 QUADRATUM, W.S.-M.D.pl.IIf34: (Pl.qu.)--  
 RECTUM, Donk.-Cl.Nav.p.II9: *oestrup 1897p.314:*  
 (Amphipora Ralfsii; -Pl.Lorenzii; -Pl. & Donkinia r.)---  
 " v.intermedia, Per.-Cl.Nav.p.I20: (Donk.r., var.int.)--  
 " v.minuta, Donk.-Cl.Nav.p.I20: (Donk. & Pl.min.)  
 " v.Thumii, Cl.Nav.p.I20: (Donkinia)  
 RIGIDUM, *W.* -M.D.pl.IIf30: (Pl.rig.)-  
 ROBUSTUM, Grun.-Cl.Nav.p.I2I: (Pleur.: -Rhoicosigma.)---  
 " v.inflexa, Per.-Cl.Nav.p.I2I: (Rhoicos.inf.)-  
 SCALPELLUM, Rabh.S.D.p.47-5f10: (Pleur.s.)  
 SCALPROIDES, Rabh.-Cl.Nav.p.II3: (Pleur.s.: -Pl.Spencerii, v.scal.)---  
 " v.eximia, Thw.-Cl.Nav.p.II3: -(Colletonema; -Endosigma; -Pleurosigma.)-  
 " v.obliqua, Grun.-Cl.Nav.p.II3: (Pleur.o.)  
 SPECIOSUM, *W.* -M.D.pl.IIf23: (Pleur.s.)  
 SPECTABILE, Grun.-Cl.Nav.p.II3: (Pl.spect.)  
 SPENCERII, *W.* -M.D.pl.IIf17; Cl.Nav.p.II7:  
 (Pleur.: -Pl.S., vars.Arnottii, Antillarum, borealis, curvula, Smithii.)--  
 " v.exilis, Grun.-Cl.Nav.p.II7: (Pleur.S., v.exilis.)  
 " v.minutula, Grun.-Cl.Nav.p.II7: (Pl.S., var.min.)  
 " v.nodifera, Grun.-Cl.Nav.p.II7: -(Pleur.: -Pl.S., var.nod.)--  
 STRIGILE, W.S.-M.D.pl.IIf12; Cl.Nav.p.II5: (Pleur.s.)  
 " v.Capensis, Petit.-Cl.Nav.p.II5: (Pleur.C.)-  
 " v.Smithii, Grun.-Cl.Nav.p.II5: (Pleur.S.)  
 " v.tropica, Grun.-Cl.Nav.p.II5: (Pleur.t.)

Nalamphora.

Subgenus Amphoral: Vide cl. 2p. 117: 1893.

- STRIGOSUM, *W.S.* -M.D.pl.IIf29: (Pleurosigma s.)----
- TEMPERETI-Cl.-Lec.No.I5p.55-3f3; Cl.Nav.p.II3: (Plen.T.)
- TENUISSIMUM, *W.S.* -M.D.pl.IIf24; Cl.Nav.p.II7: *Oestr. 1897p.24* -(Pl.ter.)-
- v.hyperborea, Grun.-Cl.Nav.p.II7: (Pleur.ten.v.hyl.)--
- v.subtilissima, Grun.-Cl.Nav.p.II7: (Pl.ten.var.s.)-----
- TERRYANUM, Perag.-Cl.Nav.p.II4: (Pl.Ter.)-
- THURINGIACA, *Rehfs.* -Rabh.S.D.p.47-5f4: (Pleur.Th.)
- TRANSVERSALE, *W.S.* -M.D.pl.IIf37, 38:???: (Pleur.tr.)
- WANSBECKII, Donk.-Cl.Nav.p.II9: -(Pleur.W., & Balticum<sup>b</sup>.)----
- v.Peisonis, Grun.-Cl.Nav.p.II9: (Pl.Spencerii, v.P.)-
- v.subsalina, Perag.-Cl.Nav.p.II9: (Pl.Sp., var.sub.)---

### HALIONYX.----- (*Ehr. 1844*)-*Mon.B. 1844 p.198*

- BISENARIUS, *E.* -Jan.Guano p.26: *A.I(A), f3: (Errata Print - ...)*
- DENARIUS, *E.* -Janisch Gu.p.26:
- DUODENARIUS, *E.* -*Mon. Ber. 1844p.186*, K.S.A.1.I20: (A. duodenarius.)-
- NONARIUS, *E.* -Jan.Guano p.25: (Actinophaenia splendens)
- OCTONARIUS, *E.* -Jan.Gu.p.25: (Actinopt.splendens & sedenarius.)-
- QUINARIUS, *E.* -Jan.Gu.p.25: (A'cyclus.q.)--
- SENARIUS, *E.* -*Mon. B. 1844p.203*; K.S.A.1.I30: Prit.1.333; Jan.Gu.1.25: *56*
- SEPTENARIUS, *E.* -Jan.Gu.p.25: (Actinopt.s.)--
- SPLENDENS, *E.* -Abh.Ber.1844p.203: (Actinophaenia; -Actinopt.)----
- UNDENARIUS, *E.* -Mik.pl.35A-2If12; M.D.pl.43f5; Prit.p.333-5f32; Jan. Gu.p.26-If1: (H.duodenarius; -H.splendens, var.)---
- VICENARIUS, Janisch Guano p.26-If2: (Actinoptychas Janischii.)--

### HANTZSCHIA.----- (*Grun., 1880*)-

- ABYSSINICA, Grun., Martelli, Bogosensis p.I53-If6; Notar.1836p.193; DeT.Syll.p.563;
- AMPHIOXYS, *E.* -(Grun.), Cl.I830p.I03; I831p.I0; Vega p.431; I891p.31; V. H.S.p.I68-56f1, 2; T.No.367; Lake Mich.: Grun.I834p.47; Wollé pl. 5If15-17; J.L.S.I834p.245; Malaisie; DeT.S.p.561; Herib.1.162: (Eunotia; -Nitzschia a., W.S.)-*A.Gl. 1895p.26*:
- v.amphilepta, Grun.-Cl.I830p.I03; M.J.I880p.397-12f3; Grun.I834p. 48; DeT.S.p.563; (Eunotia a.)--
- v.arenicola, Grun.I834p.43; DeT.S.p.562;
- v.Borneensis, Cleve Vega p.501:
- v.Brasiliensis, Grun.I834p.47; Cl.I830p.I03; Amazon; DeT.S.p.562;
- v.Californica, Grun.I834p.47; Cl.I830p.I03; Vega p.492;
- v.Capensis, Grun.I834p.47; Cl.I830p.I03; DeT.S.p.562;
- v.capitellata, Grun.I834p.43; Cl.I830p.I03; DeT.Syll.p.562;
- v.Dubravicensis, Grun.I834p.43: *56f.8*: (Hantzschia B.)
- v.elongata, Cl.I831p.II: V.4.S.1.I891(*A.Gl. 1895p.26*)-(H. & Nitzschia a.)--
- v.erythroea, Grun.I834p.47; DeT.S.p.562;
- v.hyperborea, Grun.I834p.47-If59; DeT.Syll.p.562;
- v.intermedia, Grun.I834p.43; V.4.S.p.I89-56f4; DeT.S.1.563; *Herib. p.162*.
- v.majoi, Grun.I834p.43; V.4.S.p.I89-56f5, II; DeT.S.p.563; Herib.1.162:
- v.Pernambucensis, Grun.I834p.43: (Hantzschia P.)

Heliodiscus.  
H. van Heurck, 1887.



- v. rupestris, Grun. I334p.43; Cl. I330p. I03; Det. S. p. 552: - (Hantzsch.)  
 v. Uticensis, Grun. I334p.47; Det. Syll. p. 552;  
 v. vivax, Grun. I334p.43; Cl. I330p. I03; Vega p. 43I; V.H.S. p. I69-56f  
 5, 6; T. No. 363; J.L.S. I334p. 245; Lake Michigan; Det. S. p. 552; series.  
 p. I62: (Nitzschia v., Hantzsch.)-  
 v. xerophila, Grun. I334p.47; Det. S. p. 551:  
 AMPHOROIDES, Grun. -Cl. I330p. I04: (Nitzschia.)-  
 DOUBRAVICENSIS, Grun. I332p. ....; Det. S. p. 554; (H. amphioxys, var.)-  
 ELONGATA, Grun. -Cl. I330p. I04; I39I. 6I; Det. Syll.  
 p. 553: (Eunotia Dianae; -H. amphioxys, v.: -Nitzschia.)-  
 HYALINA, Grun. I334p.43; V.H.T. No. 9 sub; Det. S. p. 555:  
 MARINA, Donk. -Grun. -Cl. I330p. I05; Vega p. 43I; ~~P. 44 p. 53~~; V.  
 V.H.S. p. I69-56f I4; T. 369; Shark River; Det. Syll. p. 554:  
 (Epithemia; -Ep. & Nitzschia raula.)---  
 PETITIANA, Cl. & M. No. 292: (Nitzschia P.)  
 PERNAMBUCENSIS, Grun. I334p.43; Det. S. p. 555: (H. amphioxys, v.)---  
 RUPESTRIS, Grun. -V.H.S. pl. 55f9, I0: (H. amph., var.)-  
 VIRGATA, Roper. -Cl. I330p. I04; Vega p. 50I; I39I. 6I; Det. Syll. p. 555;  
 V.H.S. p. I69-56f I2, I3; (Nitzschia; -Pritchardia.)  
 v. borealis, Grun. -Cl. I330p. I04-6f I10; Vega p. 43I; Det. S. p. 554;  
 v. intermedia, V.H. Type No. 370:  
 v. Kariana, ~~Grun.~~ -Cl. I330p. I04-6f I09; Vega p. 43I; Det. S. p. 551:  
 v. Wittii, Grun. -Cl. I330p. I05;  
 Det. Syll. p. 554: (Hantzsch.)-  
 VIVAX, Hantzsch. -V.H. Type I3 sub; (Nitzschia.)  
 WEYPRECHTII, Grun. I334p. 55-If 60; Cl. I330p. I04; Vega p. 43I;  
 Det. S. p. 553: (Nitzschia.)---  
 WITTII, Grun. -M.M.J. I330p. 397-I3f I3:

# HAYNALDIA.----- (Pantocsek, 1889.)-

ANTIQUA, Pant. 2p. I20: (Coscinodiscus striatellatus; -Haynaldiella.)--

# HAYNALDIELLA.--- (Pantocsek, 1893.)-

ANTIQUA, Pant. 3p. -32f457: Det. S. p. I3II: (Haynaldia a.)-

# HEIBERGIA.----- (Enev., 1865.)-

BARBADENSIS, Grun. -T.M.S. I335p. I00-6f3, 9; M.D. pl. 43f4;  
 (Entogonia biangulata & distans; -Ent. Davyana, v.)-

# HELIOPELTA.----- (Ehr., 1844.)-

-, Girard Foss. p. II-If23; -, Sci. Goss. I333p. I3:  
 DOLLONDII, E. -Mik. p. 259: (H. Ehrenbergii, I6 compartments.)--  
 EHRENBURGII, Ralfs. -Prit. p. 340; Sm. Sp. T. I9I: Carl. I33I. I. If3; A.M.M.J.  
 I893p. 330 cum icone: (Heliopeletae, species omnes.)-  
 EULERI, E. -Abh. Be. I344p. 263; K.S.A. p. I32; Mik. pl. 33-I3f3;  
 Prit. p. 34I: (H. Ehrb., I2 comp.s.)  
 LOEWENHECKII, E. -Abh. B. I344p. 263, f9; Mik. pl. 33-I3f5; A.J.S. I343p. 324-  
 4f"A": K.S.A. p. I32; Prit. p. 34I; M.D. pl. I9f4; Sci. Goss. I377p. 65; A.  
 M.M.J. I332p. I97: (H. Ehrb., I0 comp.s.)

Helminthiopsis.  
H. V. H. 1892. —

- METII, E. - Abh. B. I344p. 263; K.S.A.p. I32; Prit. p. 341-II f35; Ead. M. d.  
pl. 2f17; Sci. Goss. I377p. 65; (H. Ehrb., 10 comps.)  
MULLERI, E. - Mik. p. 259; (H. Ehrb., 20 comps.)  
NITIDA, Grev. - T.M.S. I360p. 5-2f13; Woll. pl. 7If4; A.M.N.H.  
I39Ipl. 2f46; (Actinoptychus.) ----  
PERFORATA, O'M. - M.J. I377p. 300, 463;  
PHAEION, Johnson. - M.J. I360p. I3, I3; (Actinopt. admodum.) --  
POLYODON, E. - Mik. p. 259; (H. Ehrb., 3 comps.) --  
SELLIGUEII, E. - Abh. B. I344p. 263; K.S.A.p. I32; Prit. p. 341;  
STODDERI, Christian in litt.; (H. Ehrb., 14 comps.)  
SUPERBA, Christian in litt.; (H. Ehrb., 13 comps.)

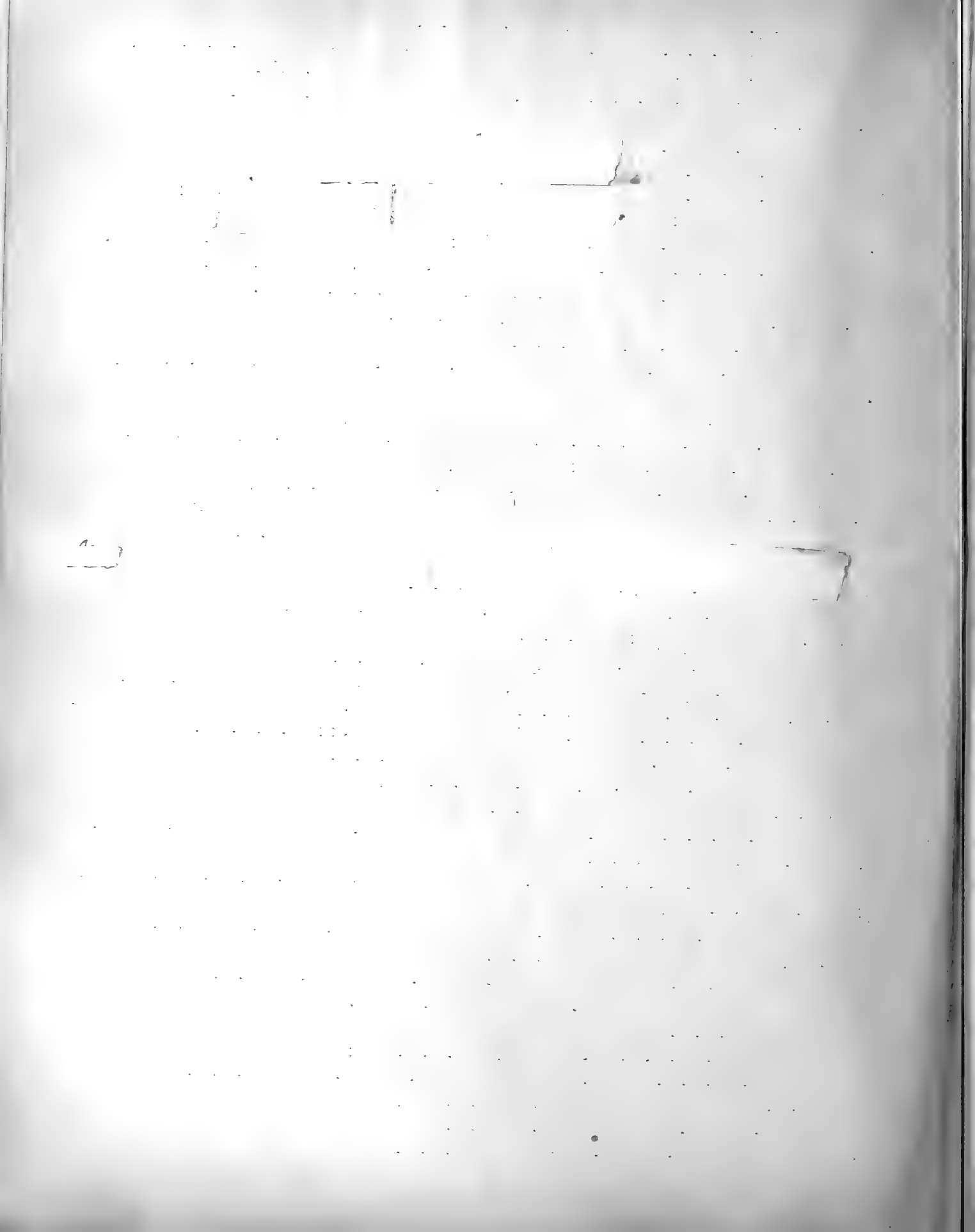
## HEMIAULUS.----- (Ehrb., 1844, Monb. p. 203:

- , J.Q.C. I37Ip. -I4fII; (H. Kittori, car. spinis.) -  
Castr. I337p. 99-2If9, I3; A.S. Atlas I52f30;  
-, Atlas I42fI, 9, IO, I2, 3I; -, Atlas I43f4, 45, 53;  
-, Atlas I44f44-47, 5I, 53;  
AFFINIS, Gran. I334p. 9; V.H.S. pl. IO3fIO, II; Woll. pl. 64fI5, I3;  
Atlantic City; Det. S. p. 339; (H. heibergii, v.) ----  
ALATUS, Grev. - T.M.S. I365p. 3I-3fI4; Eul. Sp. T. 5I; M.L.P. 4-4-3; Gran.  
I334p. IO; Atlas I43fI4-22; Det. Syll. p. 342;  
ALGIDUS, Gran. I334p. I5-2f53; Det. Syll. p. 352;  
AMBIGUUS, Gran. I334p. IO-2f25, 26; Atlas I42fI6-24; Det. S. p. 342;  
AMPLECTANS, Grove & St. - J.Q.C. I337p. 73-6fI7; Atlas I43fI-3;  
(Syndetoneis.)  
v. major, Gro. & St. - J.Q.C. I337p. I44-I3f44; (H. amplex.)  
ANGUSTIUS, Greville. - T.M.S. I365p. 30-3fI2; Granow I334p. 9;  
J.Q.C. I337p. I44; Det. Syll. p. 340;  
ANTARCTICUS, E. - Mik. Ber. I344p. 203, f3; Mik. pls. 35A-2IfI3-I5; 35A-22fI5;  
K.S.A.p. I39; Weisse I354p. 242-IfI3e, f; Prit. p. 85I-II f54; R.E.D.p.  
3I5; M.D. pl. I3f3; London Clay; O'M. Kerg.: Det. Syll. p. 354;  
(H. polycystinorum, var., & Rossicus; -Odontella?) ---  
APPLANATUS, Brun I39Ip. 30-I3f3; Det. Syll. p. 353;  
ARCTICUS, Gran. I334p. II-2f27; Det. S. p. 344;  
ALTAR, Br. - Sed. 2, 7, 22 pl. 20f19, 20; - Atlas I43f45, 46; - (Triceratium - Trinacra.) -  
AUSTRALIS, E. - Mik. Ber. I344p. 203; K.S.A.p. I39; Prit. p. 35I;  
R.E.D.p. 3I5; Det. S. p. 354; (Odontella?) --  
BARBADENSIS, Gran. I334p. II; J.Q.C. I337p. II; Det. S. p. 344;  
BIHARENSIS, Pant. 3p. - 33f523, 529;  
BIPONS, E. - V.H.S. pl. IO3f6-9; Gran. I334p. I3; Woll. pl. 64f24, 28, 29; A.  
M.M.J. I39Ipl. 2f37; Det. S. p. 35I; (Biddulphia; -zygoceros.) -  
CALIFORNICUS, E. - Mik. pl. 33-I3fI5; Prit. p. 35I; R.E.D.p. 3I3; Gran.  
I334p. IO; Woll. pl. 64f34; Det. Syll. p. 340;  
CAPITATUS, Grev., T.M.S. I365p. 54-6f24; Gran. I334p. I2;  
Det. Syll. p. 343; (H. inclaus.)  
CARINIFERUS, Gran. - Cl. & M.N. I67; Det. Syll. p. 353;  
CAVERNUS, Brun I39Ip. 3I-I2f7; Det. S. p. 349;  
CHINENSIS, Grev. - A.M.N.H. I365p. 5-5f9; Det. S. p. 353;

Gr. with Part of S. 2 & 460:



- CLAVIGER, A.S., Atlas I43f5, 6; Det. Syll. p. 342;  
 CREMATUS, Grev.-T.M.S. I365p. I01-3f12; Grun. I334p. I0; Det. S. p. 331;  
 DANICUS, Grun. I334p. I3-2f40, 41; Atlas I43f43; Det. S. p. 343;  
 DISSIPILIS, Grev. & St.-J.Q.C. I337p. I42-I4f12; Notar. I333p. I33;  
 Det. Syll. p. 343;  
 DIVERSUS, Grun. I334p. 9; Det. Syll. p. 339;  
 DUBIUS, Grun. I334p. 9-5f54; Det. S. p. 339;  
 ELEGANS, Heib.-Grun. I334p. I4; Witt I335p. 26-9f13; Pant. 2, p. 32; Atlas  
 I43f54, 55; I44f2, 4; Det. S. p. 352; (Corinnæ.)-----  
 " v. intermedia, Grun. I334p. I4-2f51, 52; (L. 212 f12.)---  
 EXIGUUS, Grev.-T.M.S. I365p. 29, 4120; Grun. I334p. I2; Det. S. p. 340;  
 FEBRUATUS, Heib. p. 49-2f5; R.E.D. p. 314; J.Q.C. I371p. I01-II1f2-13;  
 Grun. I334p. II-2f23; Atlas I43f44; Det. S. p. 345;  
 FRAGILIS, Grun. I334p. I0; Det. S. p. 342;  
 GLACIALIS, Castr. I337p. I00-25f4; Notar. I339p. 753; Det. Syll. p. 351;  
 (H. polymorphus, var.)-  
 HASTATUS, Grev.-T.M.S. I365p. 31-3f15; Grun. I334p. 9; Det. Syll. p. 340;  
 HAUCKII, Grun. I334p. 9; V.H.S. pl. I03f10; Per. Villef. p. 70; Det. S. p. 337;  
 Castr. Mediter. I375, p. 33, f2; Cl. / 897 p. 23; ( )  
 HEIBERGII, Cl. Java p. 6-I f4; Grun. I334p. 3; Villef. p. 70; Malaisie;  
 Det. Syll. p. 337; Cl. / 897 p. 23; (H. affinis.)  
 HOSTILIS, Heib. p. 43-I f2; R.E.D. p. 314; London Clay; J.Q.C. I371p. I01-  
 III7-I1; Grun. I334p. II-2f32, 33; Atlas I43f42; I44f1; Det. S. p. 345;  
 " v. polaris, Grun. I334p. I2-2f31; Det. S. p. 345;  
 HUNGARICUS, Pant. I, p. 43-29f29I; 2, p. 32; Notar. I333p. 534;  
 Pant. 3p. -I9f234, 235; Det. S. p. 352;  
 HYPERBOREUS, Grun. I334p. II-2f29, 30; Det. Syll. p. 345;  
 INCLUDENS, Grun. I334p. I2-2f36-33; Witt I335p. 26-6f5; 9f6; J.Q.C.  
 I337p. II; Pant. 2, p. 32; Det. S. p. 347; (H. & Bidulphia capitata.)-  
 KITTONI, Grun. -(J.Q.C. I370p. -I4fII sans nom.); V.H.S. pl.  
 I06f6-9; Grun. I334p. 9; Atlas I42f2-3; Det. S. p. 333;  
 LAEVISSIMUS, Grun. I334p. I0; Det. Syll. p. 340;  
 LATUS, A.S., Atlas I42f25; Det. S. p. 349;  
 LOBATUS, Grev.-T.M.S. I365p. 29-3f9; Witt I335p. 26-9f7, 8; Grun. I334p.  
 II; Pant. 2, p. 32; Det. S. p. 345;  
 LONGICORNIS, Grev.-T.M.S. I365p. 31-3f13; Grun. I334p. I0; J.Q.C. I337p.  
 II; Det. Syll. p. 341;  
 LYRIFORMIS, Grev.-T.M.S. I365p. 30-3f11, 2f; Grun. I334p. I0; J.Q.C.  
 I337p. II; Atlas I43f7, 8; Det. S. p. 342;  
 MALLEOLUS, Pant. I, p. 43-3f33; Notar. I333p. 535; Det. Syll. p. 349;  
 MEMBRANACEUS, Cleve Java p. 6-I f5; Grun. I334p. 3; Atlas I42f13-15;  
 Malaisie; Det. S. p. 337;  
 MESOLEIUS, Grun. -V.H.S. pl. II3f14; Det. S. p. 353; (Triceratium?)--  
 MINUTUS, Grev.-T.M.S. I365p. I01-3f5; Grun. I334p. I0; Det. S. p. 330;  
 MIRUS, A.S., Atlas I42f33; Det. Syll. p. 349;  
 MITRA, Grun. I334p. 9-2f24; Det. Syll. p. 333;  
 " v. areolata, Grun. I334p. 9-2f54; Det. S. p. 333;





- MONICAE, Grun. I334p. IO: DeT. Syll. p. 340;  
 MUCRONATUS, Grev. -T.M.S. I335p. 23-3f6; Grun. I334p. 9; DeT. S. p. 339;  
 OBTUSUS, E. -Abh. Ber. I344p. I93; DeT. Syll. p. 354;  
 ORNITHOCEPHALUS, Grev. -T.M.S. I335p. 32-3fI6; Grun. I334p. IO: J.Q.C. I337pp. II, 77-6fI3, I9: Witt I333p. I6-3fI3, I9, 20, 24, 25; Atlas I42f34, 36, 37; DeT. S. p. 343;  
 " vars., A.S., Atlas I42f26-32, 35, 33, 39;  
 " v. Nicobaricus, Grun. I334p. IO: DeT. S. p. 343;  
 PAYERI, Grun. I334p. I2-3f39; DeT. S. p. 347;  
 PETASIFORMIS, Pant. Ip. 43-29f925; Notar. I333p. 535: (Ploiaria.)--  
 PERLONGUS, Pant. 2p. 32-20f3I5; DeT. Syll. p. 343;  
 PODAGRICUS, Grun. I334p. I3: DeT. S. p. 343; (Biudalphia.)--  
 POLYCYSTINORUM, E. -Abh. Ber. I355p. 299: I375pl. I-2fI5; Mik. pl. 36f43a-d: Prit. p. 35I; Eul. Sp. T. 50; London Clay; R.E.D. p. 3I5; M.T.P. 4-3-2; Grun. I334p. I3; Atlas I43f23-29; Wollé pl. 64fI9, 20, 24, 25, 27; DeT. Syll. p. 349: (Bidd. cirrhus.)  
 " v. mesolepta, Grun. I334p. I3-2f43; DeT. S. p. 350;  
 " v. Sibirica, Witt I335p. 27-6fI, 2: (H. Rossicus.)--  
 " v. Simbirskiana, Grun. I334p. I3-2f44, 45: -(Biud. Saratoviana; -H. Antaret.)  
 POLYMORPHUS, Grun. I334p. I4; J.Q.C. I337p. II: Wollé pl. 25f23-25; Atlas I43fII-I3; Pant. 2, p. 83; DeT. S. p. 35I:  
 " v. frigida, Grun. I334p. I4-2f47-49; Atlas I43f35, 36; DeT. S. p. 352;  
 " v. glacialis, Grun. I334p. I4-2f50a, b; DeT. S. p. 352: (H. glac.)--  
 " v. Morsiana, Grun. I334p. I4-5f53; DeT. Syll. p. 35I: (Hem. Mors.)  
 " v. pusilla, Grun. I334p. I4-4f42; DeT. S. p. 35I:  
 " v. Virginica, Grun. I334p. I4-2f46: DeT. S. p. 35I:  
 PROTEUS, Heiberg p. 47-I fI; R.E.D. p. 3I4; J.Q.C. I370p. IOI-II fI-3; Grun. I334p. I2; Atlas I43f30-34: DeT. S. p. 347;  
 PULVINATUS, Grev. -T.M.S. I335p. 23-3f3: Grun. I334p. I3; DeT. S. p. 350;  
 PUNCTATUS, Grev. -T.M.S. I335p. 23-3f7; Grun. I334p. I3; DeT. S. p. 350;  
 PUNGENS, Grun. I334p. II-5f56; DeT. S. p. 345; 113f13:  
 QUINQUEGUTTATIM, Grun. in V.E.S. p. 27-3f53; DeT. Syll. p. 354: (Triceratium.)--  
 RETICULATUS, Grev. -T.M.S. I335p. 27-3f53; Grun. I334p. II: DeT. S. p. 344;  
 ROBUSTUS, Grev. -T.M.S. I335p. 27-6f53; Grun. I334p. IO: DeT. S. p. 343;  
 ROSSICUS, Pant. 2, p. 82; (H. Antareticus, p. p.: -H. polycystinorum, v.)----  
 ROSTRATUS, Pant. 2p. -37f52I, 523: DeT. S. p. 350;  
 SARATOVIANUS, Pant. 2p. 33-I3f235; DeT. S. p. 353;  
 SIBIRICUS, Grun. I334p. I2-2f34, 35; Atlas pl. II3f3, 9: Pant. 2, p. 83; DeT. Syll. p. 347;  
 SUBACUTUS, Grun. I334p. 9-5f55: DeT. Syll. p. 333;  
 SUBSYMMETRICUS, Grun. I334p. 9: DeT. S. p. 333;  
 SYMMETRICUS, Grev. -T.M.S. I335p. 55-6f22; Grun. I334p. 9: DeT. S. p. 340;  
 SZABOI, Pant. 2p. 33-I4f250; DeT. Syll. p. 344;  
 TENUICORNIS, Grev. -T.M.S. I335p. 29-3fIO: Grun. I334p. IO: Atlas I43f 9, IO: J.Q.C. I337p. II-I3f45; DeT. S. p. 34I:  
 TSCHERNOVII, Pant. 2p. 83-I5f256; DeT. S. p. 343;  
 UNICORNUTUS, Brun. -LeD. No. I2p. I75-24f3;  
 WEISSEI, Grun. I334p. II-5f52; DeT. S. p. 345; Atlas I43f37-4I;



> pilatus, E. - (*Trinacria*)

> " v. bacata, Br. - *Le D.* Vol. 2, No. 22 p. 238-20 f 22, 23:

(*Trin. pil.*, v.; - *Tric. subcap. v. bac.*)

> quadriceps, Gr. - (*Porpeia*)

> simplex, Br. - *Le D.* 2, No. 16 p. 77-6 f 8, 9. -

> tubulosus, Br. - *Le D.* 2, No. 22 pl. 20 f 24, 25: (*Tric.*)

> verrucosus, Br. - *Le D.* 2, No. 11 p. 77-6 f 8, 9. -

WEISSFLOGII, Pant. 3p. -27f40I, 402:  
WITTII, Grun. I334p. IO: DeT. Syll. p. 34I:

HEMIDISCUS. .... (Wallich, 1860.) -

CAPILLARIS, Brun.

(Euodia ?)

CUNEIFORMIS, Wallich. -T.M.S. I360p. 42-2f3, 4; Prit. p. 353-6fI4; R.E.D.  
p. 3I3; Cl. I373p. I9; Vega p. 509; Malaisie;

(Euodia gibba.) -----

INORNATA, Castr. I337p. I49:

(Euodia.)

HEMIPTYCHUS. .... (Ehr., 1846.) -

ORNATUS, E. -Abh. Ber. I343p. 7: *Q. gms 1858p. 160: -* (Arachnoidiscus.) ---

HEMIZOSTER. .... (Ehr., 1844.) -

-, E. -Abh. Ber. I344p. I99: DeT. Syll. p. I425:

*See D. no. 20 p. 185.*

(Non-Diatomaceous.) -

HENSENIELLA. .... (Schuettl., 1893.) -

BALTICA, Hensen. - (Schuettl.), DeT. Syll. p. I425:

(Pyxilla.)

STEPHANOS, Hensen. - (Schuettl.), DeT. S. p. I425:

"

HERCOTHECA. .... (Ehr., 1844.) -

BREVISPINA, Grun. -Cl. & M. 2I5; DeT. Syll. p. IO03:

MAMMILARIS, E. -Abh. Ber. I344p. 269: Mik. pl. 33-I3f7; K.S.A. p. 27; Prit. p.  
337-7f35; M.D. pl. 43f3I; Woll. pl. 64f22, 23; A.M.M.J. I39Ipl. 2f32;

DeT. Syll. p. IO05:

HERIBAUDIA. .... (Peragallo, 1894.) -

TERNARIA, Perag. -Heribaud p. I96-5f25:

HETEROCAMPA. .... (Ehr., 1869.) -

ARCUS, E. -Abh. Ber. I369p. 49, pl. 2-2fI4;

PARADOXA, E. -Abh. B. I369p. 50, pl. 2-2fI5;

VENTRICOSA, E. -A. Ber. I369p. 50, pl. 2-2fI3:

*Amphicampa, E. -*

HETERODICTYON. - (Grev., 1863.) -

-, Rabh. E.D. p. 35:

JEFFREYSIANUM, Castr. I337p. I37-24f3: Notar. I339p. 753; DeT. S. p. II93:

RYLANDSIANUM, Grev. -T.M.S. I363p. 66-4f6: DeT. Syll. p. II93;

SPLENDIDUM, Grev. -T.M.S. I363p. 67-4f7: *DeT. Syll. 1193: -* (Brightwellia.)

HETEROMPHALA. -- (Ehr., 1858.) -

BINODIS, E. -Abh. Ber. I372p. -2f23; DeT. Syll. p. 730:

HIMANTIDIUM, E. -Abh. B. I358p. I3; I372p. -II f29; DeT. Syll. p. 730:

(Glyphodesmis Williamsons; -Plagiogramma.) ---

TRINODIS, E. -A. Ber. I36Ip. 295: DeT. S. p. 730:

HETERONEIS. .... (Cleve, 1893.) -

AMERICANA, Cl. - *See D. 2, no. 19 p. 143.*

(Achnanthes.) --

LAGERHEIMII, Cl. - *See D. vol. 2, no. 22 19 p. 143: -*

"

LILLGEBORGII, Cl. - *See D. 2, no. 19 p. 143: -*

"

VARZARYI, Cl. -

"



Rothia,

var. "a" septenaria.

" "b" octonaria.

" "y" nonaria.

" "s" denaria.

} Cl. & Jsch p. 155:

Arceuthobium pl. 3-3f/3:

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bidens, R.S.L. p. 20:

diadema, S. - Belloc L. p. 55-3f7:

ROTHII, E. - Mik. pl. 35A-I3b, f4a-5etoria; ---35A-I3b, f4b-5etoria: --  
Prit. p. 833-5f35: Cl. I373p. I9: (Coscinaiseus R.)--

## HIMANTIDIUM. --- (Ehrh, 1840)

- , Meneg. A.N.O. p. 376: -, Pop. Sci. Rev. I37/1. I4I, f5c:  
-, Tanarek I379p. 46: -, Pfitzerp. 93: - *Bn. Alpes* p. 47:  
AETHIOPIUM, E. - Mik. p. 227: Prit. p. 766:  
AMPHIOXY, E. - Mik. p. I2I; Prit. p. 766:  
ARCUS, E. - Abh. Ber. I340p. I7: Amer. pls. If I0, II; I-4f3a-c; 4-If I1; W. p. 18.  
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4-2f I9; 4-3f22, 24; 5-2f9; 5-3f45; 6-If22; I2f23; I5A, f55; I5-B, f19;  
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33-9f3, 4; 33-I0f I7; 33A-3f3; 39-If20; K.B. p. 39-5f22, 23; I5f3; 29f43;  
K.S.A. p. 9: A.J.S. I35I, f40; Weisse I35Ip. 273-If5; R.S.O. p. 20-If5; R.  
Kryp. fl. p. I3; M.J. I354p. 99-4f20; Braemar; S.B.O. 2p. 30p. 33, 30f233;  
Prit. p. 765; Neipauer Asatag p. I39-If I; Schum. 4. T. p. 54-If6; Can. p. 77:  
Cl. I337p. 666: I363p. 235; Gran. I362p. 339; Hall; Nylander, w.: Lagr.  
I373p. I7; Deby D. T. p. : Brun Alp. p. 43-2f20; Hoffmann, Marburg; Petit  
& Leud.; liste p. 25; Tanarek I379p. 47, f25c; Spamer, Duren; Malaisie;  
Belloc, Lichon p. 55, f2;  
(Bacillaria major: -Cystopleura ericaeformis; -Eunotia a., monodon &  
uncinata; -H. attenuatum, haleyonella, pectinale.) -  
" var. "b" bidens, E. - Gran. I362p. 339: (Him. b.) -  
" var. "g" curta, Gran. I362p. 339-6f I6: Schum. I364p. I3-2f2; Lagr. I373p.  
I7: Brun Alp. p. 43: -(Eunotia monodon; -H. arcus, w.S.) ---  
" v. major, Brun Alp. p. 43: (H. major, w. Br.) -  
ATTENUATUM, Rabh. S.O. p. I9-If I0; Spamer, Duren: -(Eunotia & H. arcus, "b.")  
AUSTRALIS, E. - Mik. p. 7 Prit. p. 766: (*Bidens* -  
BICEPS, Rabh. S.O. p. 20-If I2: -Exilaria flexa: (-E. a., Amer. p. I29; Mik.  
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p. 40; K.S.A. p. 9: M.J. I354p. I00-4f2I; S.B.O. 2p. I3-30f234; Prit. p. 766:  
Cl. I337p. 333: New Zealand; Schum. 4. T. p. 54-If I0; Ar. p. 13; Can. p. 77:  
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*bidens*, v. monodon, E. - Brun Alp. p. 50-9f2I:  
BORYANUM, Pant. 2, p. 6I: (Eunotia.) --  
CAMELUS, E. - Mik. pp. 68, 70: Prit. p. 766:  
CARINATUM, E. - Mik. pl. 34-6a, f6: Prit. p. 766:  
CAYENNENSE, E. - Mik. p. 207:  
DENTICULATUM, Breb. - K.S.A. p. I0: Prit. p. 766: (Eunotia d. & pectinale.) -  
CILATUM, Wigard. - Heaw. I360p. 43, pl. 7: (Eunotia.)  
DIODON, Bailey M.O. p. 6: (Eunotia.)  
DOLIOLOUS, Gran. I362p. 342-3f3: (Eunotia; -Pseudoeun.: -Synclad.) ---  
EHRENBERGII, (Ralfs) - Lagr. I373p. I3: (Eunotia d.) ---  
" var. "a" tridentula, E. - Lagr. I373p. I3: (Eun. tri.)  
" var. "b" quaternarium, E. - Lagr. I373p. I9: (Eun. quat.)  
" var. "g" quinarium, E. - Lagr. I373p. I9: (Eun. quin.)

Gracile, mik. pl. 15R, 566

EXIGUUM, Breh.-K.S.A.p.8; R.S.D.p.19; M.S.1354p.100-4607; Prit.p.733;  
 Grun.1352p.340-3f15; Carr.p.77; (Eunotia & alpicollis.)-  
 FABAE, E.-Mik.pls.1-2f32; 1-3f12; Schum.1337p.51;  
 (Bacillaria vulgaris; -Eunotia; -E. & H. Solierolii.)  
 FALKLANDIAE, E.-Mik.p.239; Prit.p.733;  
 GIBBUM, E.-Nylander, W.: (Eunotia.)  
 GRACILE, E.-Amer.p.129, pls.2-1f9; 3-1f4f; Mik.pls.3-2f13; 3-4f24; 3-3f  
 16; 3-2f3; 4-2f20; 12f23; 35A-3f2; 35A-3f7; 33-3f12; 33-10f13; 39-3f  
 75; K.B.p.40-29f40; K.S.A.p.9; R.S.D.p.20-1f5; S.B.D.2p.14-33f23;  
 Mull; Prit.p.735; Heib.p.105; Grun.1352p.340-3f13; Schum.4.1.11.44,  
 53; Carr.p.77; Hull; Cl.1357p.333; 1353p.235; Nylander, W.: Lagr.1373  
 p.13; Deby D.1.: Sm.Sp.1.192; Brin Alp.p.43-2f24; Petit liste p.25;  
 Amazon: Belloc, Luchon; (Eun.g., major, aspicollis & menelae.)  
 ' var. Petit & Leud.p.12-1f2;  
 GUIANENSE, E.-Amer.p.129, pl.1-2f4; K.B.p.40-29f4f; K.S.A.p.10; R.S.  
 D.p.20-1f9; Prit.p.733-12f54; (Eunotia.)-  
 HALCYONELLAE, Perty Beweg.p.37; R.S.D.p.20;  
 (H. arcus: -Eun. arcus & alpina.)---  
 MAJUS, S.B.D.2p.14-33f236; Braemar; Mull; Prit.p.736; Bleisch, 1352;  
 Grun.1352p.340; Schum.4.1.p.53; Carr.p.77; Cl.1353p.235; Girard Foss.  
 p.11-1f32; Borscow pl.2f10; Nylander, W.: Arenig Bach: Amazon:  
 Belloc, Luchon; (Eunotia.)--  
 ' var. "b" bidens, S.B.D.2p.14-60f236b; Grun.1352p.340;  
 Carr.p.77; (H. bidens.)  
 MARINUM, W.S.-A.M.N.H.1359p.10-2f14; Prit.p.733;  
 MINUS, K.B.p.39-16f10(1-4); K.S.A.p.9; R.S.D.p.19-1f2; Schum.4.1.p.  
 53-1f9; Prollius p.74; Hoffmann, Marb.: Spamer, Duren;  
 (Eunotia; -M. pectinale, v.)---  
 MONODON, E.-Amer.p.129pls.4-1f10; 4-5f3; Mik.pls.2-3f25; 3-2f16a-c; 4-  
 1f12; 33-4f5; K.B.p.40-29f42; K.S.A.p.9; R.S.D.p.20-1f7; Prit.1.  
 735-12f29; 18f13, 17; Carr.p.77; Nylander, W.: Hoffmann, Marburg;  
 (Eunotia arcus & m.)---  
 PAPILIO, E.-Amer.p.129 pl.2-1f2a, e; Mik.pls.34-5a, f3; 39-1f14; Nord.1.  
 --2f4-6; K.B.p.40-29f33, 43; K.S.A.p.9; R.S.D.p.20-1f3; Prit.p.733-  
 12f45, 49-52; Lagr.1373p.17; (Eunotia didoon & l.)  
 PALUDOSUM, Lagr.1373p.18; (Eun.pal.)  
 PARALLELUM, E.-Mik.pl.14f53a, b; Prit.p.765; Lagr.1373p.18;  
 Belloc, Luchon; (Eun.par.)  
 PECTINALE, K.B.p.39-16f11; K.S.A.p.9; R.S.D.p.19-1f1a, b; Mull; S.B.D.  
 2p.12-32f230; M.D.pl.12f33; Desmaz.1, No.352; 2, No.152; Westendorp, G.  
 Braemar; Prit.p.735-4f6; 9f171-176; Heib.p.106; Grun.1352p.341; Cl.  
 1357p.333; 1353p.235; Hull; Carr.p.77; New Zealand; Nylander, W.: Edw.  
 N.H.pl.3f30, 31; Schum.4.1.pp.41, 54; Manoury 1370pl.2f11-13; Pfitzer  
 p.93-3f1-4; Macdonald pl.10f23; Petit & Leud.; liste p.25; Class.f  
 20; T.M.S.13771. -137f20; Sm.Sp.1.193; Brin Alp.p.47-2f22; Tanaka  
 1379p.47, f25B; Delogne; Prollius p.74; Belloc, Luchon; Amazon; Gallia,  
 Papau; Hoffmann, Marburg; Spamer, Duren;

var. undulata, frag. pect.,  $\phi$ , undulata; -

Solierolii, var.  $\phi$ , Ann. Alp. p. 50:



- (Frag. grandis & p.: -Conferva bronchialis & p.: -Eunotia denticulata, depressa, nodosa & p.: -H. arcus, minus & strictum: -Ternarium: ) ---
- " v. minor, K. -Gran. 1862p. 341-3f19; Petit liste p. 25; Sm. Sp. T. 194; Brun Alp. p. 49-2f19; Bellec, Luchon: (H. mirus.) --
- " v. undulata, Gran. 1862p. 341; Brun Alp. p. 49-2f22d; 9f19: (H. und.) ---
- POLYDENTULA, Brun Alp. p. 51-2f27: (Eunotia 3-4-5-6-7-8 aria & ula.) --
- POLYODON, Brun Alp. p. 50-2f25: -(Eun. diadema, robusta, 3-4-5-6-7-8-odon)
- PRAERUPTUM, Ralfs. -Prit. p. 765: (Eunotia.) --
- QUATERNARIUM, E. -Abh. Ber. 1852p. 235; R. S. D. p. 20: Prit. p. 766: ""
- QUINARIUM, E. -Abh. 3. 1852p. 235; R. S. D. p. 20; Prit. p. 766: ""
- REGIOMONTANUM, Schum. 1862p. 184-3f3: 1864p. 14: (Eun. m.) --
- ROBUSTUM, <sup>Ralfs.</sup> Heib. p. 106; Cl. 1863p. 236; Lagr. 1873p. 13: (Eunotia, <sup>Ralfs.</sup> -Eun. enneodon & tetraodon.) ---
- " v. diodon, W. S. -Lagr. 1873p. 17: -(H. bidens, W. S.: -E. bigibba & d., W. S.) ---
- " v. triodon, W. S. -Lagr. 1873p. 17: (Eun. tr., W. S.) ---
- SOLIEROLII, K. B. p. 39-16f9; K. S. A. p. 9: R. S. D. p. 19-1f3; R. Alg. E. No. 636: S. B. D. 2p. 13pls. 33, 35f232; Prit. p. 765-14f13; Gran. 1862p. 342; Bellec, Luchon; Bleisch, 1863; Carr. p. 77: Hedw. Vol. 2p. 42-7f5-3; Spamer, Duren; Pet. liste p. 25; Sm. Sp. T. 195; Hoffmann, Marburg; Brun Alp. p. 49-2f23; (Eunotia; -Eun. & H. faba; -Frag. hyemalis, Duby, & pectinalis.) -
- SPECTABILIS, E. -Mik. pl. 3-4f26;
- STRIATUM, Wiggard. -Hedw. 2p. 42-7f10-12: Hoffmann, Marburg: (Eunotia.)
- STRICTUM, Rab. S. D. p. 19-1f1c: Hoffmann, Marb.: -(Eunotia & H. pectinalis.) --
- TERNARIUM, E. -Mik. pl. 34-3a, f5; Prit. p. 766:
- TETRAODON, Breb. -K. S. A. p. 10: R. S. D. p. 20-1f11: Nylander, W.: Hoffmann, Marburg; (Eunotia t.) ---
- TEXTRICULA, E. -Mik. p. 31; Prit. p. 766:
- THERMALE, Cronan. -Algues Gaudaloupe p. 2: Del. Syll. p. 1426;
- TRIDENTULUM, E. - : Cl. 1863p. 236: (Eunotia.) --
- TRIODON, Perty Kl. Leb. p. 193-17f5; Prit. p. 766: ""
- TSCHIRSCHIANA, Muller. -Java 1890p. 328-19f14-17: ""
- UMBILICATUM, E. -Mik. p. 140; Prit. p. 766:
- UNDULATUM, S. B. D. 2p. 12-33f231: Braemar; Mull: Prit. p. 766: Carr. p. 77: Arenig Bach; Lewis, W. M. D. p. 12-2f13; Nylander, W.: Sm. Sp. T. 196: Sci. Goss. 1867p. 153, f163: (Eun. nodosa; -Eun. & Him. pectinale, v.) ---
- VENERIS, K. B. p. 40-30f7; K. S. A. p. 9: R. S. D. p. 20-1f4c; Prit. p. 766: Gran. 1862p. 342-6f17: (Eun. laevis & veneris.) --
- VENTRALE, E. -Mik. p. 121; Prit. p. 766:
- WILLIAMSONI, S. B. D. 2p. 14-33f237: -(Diadesmis, Dimerisgramma, Glyptodermis).
- ZEBRA, E. -Mik. p. 100; Prit. p. 766:
- ZYGODON, E. -Mik. pl. 39-3f76, 77: A. J. S. May 1851, f56;

## HOMOEACLADIA. -- (Agardh, 1827.) -

- , Meneg. A. N. D. p. 426: ----, R. E. D. p. 51: ----, Agardh, Bot. Zeit., 1827.
- ANGLICA, Ag. Cons. p. 25; K. Syn. p. 32; K. B. p. 110-30f32; K. S. A. p. 93: A. M. N. H. 1845p. 109-3f1; 179-13f1; Desmaz. I, No. 1469; 2, No. 1069; Prit. p. 734: Sm. Sp. T. 673: (H. Martiana & Dufourei.) -

+ *Germanicavari*. - Moller, cat. 1897 p. 11.

+ *subcoarctata*, Oestrup 1897 p. 332.

## AGARDHII, E. -Abh. Ber. 1833p.311:

(Ceratoneis, Nitzschia, Nitzschella closterium: -Schizonema.)---

ARBUSCULA, K.B.p.III-22fII; K.S.A.p.93; Prit.p.734; R.E.D.p.I66:

(H.Martiana, v.)----

BALIICA, Dannelt p.39-2f22; Det.Syll.p.555:

BICEPS, Schum. 1837p.53-1f13; Dannf. p.39; Det.S.p.555;

BULNHEIMIANA, Rabh. Alg. Eur. No. 1301; R.E.D.p.137; Perag. p.66:

Det.S.p.557;

(Nitzschia frustulum, v.)

CAPITATA, H.L.Sm.Sp.1.374; A.O.J.M. 1871p.12-3fI; Idaw. 1879p.29;

Wolle pl.29f13-15; Det.S.p.555:

CONSERVA, Richter. -Heuw. 1879p.65; Det.S.p.555;

DILATATA, K.B.p.III-23fI; K.S.A.p.93; Prit.p.735; R.E.D.p.137:

(H.Martiana, v.)----

DUFOUREI, DeNotaris. -Erbar. Critt. Ital. No. 764; R.E.D.p.166:

H. Anglica &amp; Martiana.)--

FILIFORMIS, S.B.D.2p.30-55f343; R. Alg. Eur. 1862 sub; R.E.D.p.167;

Prit.p.735-4f25; Lewis, M. &amp; R.S.p.71; Reinhard; Dannf. p.39; Sm. Sp.

1.197; Perag. p.66; Wolle pl.29f13-15; Det.S.p.555;

" var. "b" parva, S.B.D.2p.30-55f343b; R.E.D.p.167; Reinhard;

GERMANICA, Richter. -Heuw. 1879p.65:

HELIOIDES, Meneg. A.M.O.p.427:

(Schizonema.)--

KOTSCHYI, Grun. 1873p.23; J.R.M.S. 1879p.633; Det.S.p.555;

LUBRICA, K. Phycol. p.100; K.S.A.p.93; Prit.p.735; Grun. 1862p.536;

R.E.D.p.167; Det.S.p.555:

(Schizonema.)--

MARTIANA, Ag., Repensb. Fl. 1827; Cons. p.25; Icon. Alg. Eur. taf. 5; Linnae

1833p. 70; K. Syn. p.32; K.B.p.110-30f33; K.S.A.p.93; Prit. 1852p.17f

47-49; Desmaz. I, No. 1469; 2, No. 1069; S.B.D.2p.30-55f347; R. Alg. 1833;

Prit.p.374-4f24; 14f47-49; Grun. 1862p.536; Eul. Sp. 1.52; R.E.D.p.166;

Sm. Sp. 1.193; Cl. &amp; M. No. 72; Villef. p.53; Det.S.p.53:

(H. Anglica &amp; Dufourei.)--

" var. Anglica, Ag. -R.E.D.p.166; Det.Syll.p.555:

(Hom. A.)--

" v. arbuscula, K. -R.E.D.p.166; Det.S.p.555:

(Hom. arb.)--

" v. dilatata, K. -Rabh. E.D.p.167; Det.S.p.555:

(Hom. dil.)--

" v. moniliformis, K. -R.E.D.p.167; Det.S.p.555;

(Hom. mon.)

MONILIFORMIS, K.B.p.110-22f10(a, b1, 2); K.S.A.p.93; Prit.p.735-

14f45, 46;

(H. Martiana, v.)

PENICILLATA, K.S.A.p.97; Prit.p.735; Grun. 1862p.534;

R.E.D.p.167:

(Berkeleya p.)

PUMILA, K.B.p.110-22f9; K.S.A.p.97; Prit.p.735-14f37, 33; Grun.

1862p.536; R.E.D.p.167:

(Berkeleya; -H. Zosteræ; -Schizonema.)

PUNCENS, Grun. -Cl. &amp; M. 307; Vega p.473; Det.Syll.p.557;

SIGMOIDEA, S.B.D.2p.31-55f349; Prit.p.735-4f23; New Zealand; R.E.D.

p.163, f51; Hull; Sm. Sp. 1.199, 200; Shark River; Perag. p.66; Det.S.

p.557; *Oestrup 1877p. 333*:

(Nitzschia fasciculata &amp; homoeocladia)

SUBCOHAERENS, Grun. 1873p.23; J.R.M.S. 1879p.633; Det.S.p.555;+

" v. Scotica, Grun., V.H.S. pl.66f14;

VIDOVICHII, Grun. 1862p.533-12f32; 1873p.9; R.E.D.p.163; V. I.S. 1.

67f7; Perag. p.66; Villef. p.63; Det.S.p.557:

(Nitzschia.)-

ZOSTERAE, Meneg. -R.E.D.p.167:

(Berkeleya &amp; H. pumila.)--

Hyalochaete.

Subgenus of Chaetoceros; Gran. N. H. Ex., 1897.

ALTERNANS, Grove & St. - J.Q.C. I337p. I42-I3f39; Notar. I333p. 469;

Det. Syll. p. II35;

LABUANI, Cl. - Atlas II5fII: Just's Yahr. I337p. 2I9;

Det. S. p. II36;

(Cerataulus; )

REICHARDTII, Grun. - Just's Yahr. I337p. 279; Woll. pl. I03fI3;

Det. S. p. II35;

(Cerataulus.)

var., A.S., Atlas II6f4;

VIRGATA, Gro. & St. - J.Q.C. I337p. I42-I4f55; Notar. I333p. 469;

Det. Syll. p. II35;

# HYALODICTYA. --- (Ehr., 1870,

DIANAE, E. - Abh. Ber. I370p. 57, pl. 3-I4fI4; Woll. pl. 63f3I; Det. S. p. I363.

# HYALODISCUS. --- (Ehr., 1845.) -

-, E., Abh. Ber. I348;

-, De Toni, Oss. Bac. I390p. 9I4.

-, B.J.N.H. I36Ip. 334-I4fI8, I9;

-, Atlas pl. I39f3-I5;

-, Atlas I40f2;

ARCTICUS, Grun. I334p. 4I-5f37; J.Q.C. I337p. 67;

(H. radiatus, v.)

BIERONS, Fortm. - Annal. Bot. Brit. I392p. 48-5f6; Det. S. p. I368;

CALIFORNICUS, Bailey MSS.: A.J.M. I373p. 247; Brebissonia I379p. II7;

Det. S. p. I363;

(H. subtilis.) --

CERVINUS, Britw. - M.J. I360p. 95-5f9; Det. S. p. I363;

(Coscinoauscus.)

FRANKLINI, Cl. & M. 2; A.J.M. I377p. I49; I373p. I02;

(H. Sectionis.) --  
(Coscinoauscus)

HORMOIDES, Petit Cat. p. I4; Fortm. Cey. p. I2;

(Podosira Adriatica, h., & nanniloides.)

LAEVIS, E. - Abh. B. I345p. 73; Mg. pl. 33-I5fI7; W.S.A. p. 20; Weisse Gr. p. 307-

2f47; Prit. p. 3I4; Cl. I330p. II7; Pant. I. 44-I5fI3I; 2p. 30; Atlantic

City; Castr. I337p. I40-24f4; Woll. pl. 59f2; Det. S. p. I363; - (Cyclotella)

var. Doljensis, Pant. Ip. 44-23f2I2; Notar. I333p. 535; Det. S. p. I363

var. Yariensis, Grun. - Cl. I330p. II7; Det. Syll. p. I363;

LINEATUS, Bailey. - Lens Vol. Ip. 232; Det. S. p. I363;

(Podosira.)

MACULATUS, Cl. I373p. 4; I378p. I3; Petit Cat. p. I4; Fortm. Cey. p. I2;

Malaisie;

(Podosira.)

MAXIMUS, Petit Cat. p. I5-4f7; Eul. Sp. I. I06; Grun. I373p. 34; Cl. & M. No.

II2; J.R.M.S. I378p. 233-I4f7; Woll. pl. 59f7, 3; Malaisie;

(H. radiatus, (O'M.) var.) -

var., Cl. & M. No. II3;

NOBILIS, Pant. 2p. 30-26f374; Det. Syll. p. I363;

OCEANICUS, E. - Abh. Ber. I363p. 336; Det. S. p. I363;

PATAGONICUS, E. - Abh. B. I345p. I55; Mik. pl. 33B-22fI0, II; W.S.A. p. 20;

Prit. p. 3I4;

(Cyclotella.) --

PUNCTATUS, A.S., Atlas I39fI3;

PUNCTULATUS, A.S., Atlas I40fI5;

RADIATUS, Bailey. - Lens Vol. Ip. 23I;

(Podosira maculata.)

RADIATUS, O'M. - J.L.S. Vol. 40pl. I49; Cl. I380p. II7; Grun. I324p. 4I; J.Q.C.

I337p. 68; Pant. 2p. 30; Det. Syll. p. I367;

(Cyclotella & H. Patagonicus; -Pyxidicula.) ---



- \* v. Arctica, Grun. I834p.4I-5f37; Del. Syll. p. I337; (H. Arctica.)--
- \* v. Biharensis, Pant. Ip. 44-23f205; Notar. I833p.535; Del. S. p. I337;
- \* v. maxima, Pet. -Cl. I830p. II7; Del. S. p. I337; (Hy. max.)--
- \* v. minor, Cl. I830p. II7; Cast. I837p. I39-I40; Del. S. p. I337;

RETICULATUS, A.S., Atlas I40f7; wolle pl. IIof3;

ROSSICUS, Pant. 2p. 30; 3p. -5f72; Del. S. p. I333;

SCOTICUS, K. -Grun. J. R. M. S. I879p. 390-2f5; Dainf. p. 47; Cl. I830p. II3;

Nares p. ; Vega p. 489; I89Ip. 67; V. H. S. pl. 34f15-I3; Pant. 2p. 30;

Del. Syll. p. I333; *Oestrup 1897p. 347-351*, (Cyclotella Ligustica & S. -H. Franklino; -Podosira Franklino, hormoides, p. p., & Smithiana.)

STELLIGER, Bailey N. S. p. IO; Prit. p. 3I4; Grun. I833p. 27; Cl. I873p. 4;

Cl. & M. No. I; Pet. Cat. p. I4; M. T. P. 4-I-I3; A. J. M. I877p. I49; I873p. II0;

V. H. S. p. 2I5-34f1, 2; T. No. 454; Villef. p. 30; Atlantic City; Malaisia;

wolle pl. 59f3; Del. S. p. I337;

(Coseinodiscus punctulatus; -Craspedodiscus stella; -H. macilatus; -

Melosira macilata; -Podosira mac. -Pyxidicula Adriatica.)---

SUBTILIS, Bailey N. S. p. IO, fI2; Q. J. M. S. I86Ip. I79 eumicrone; Prit. p.

3I5-5f30; Jan. Gu. p. 26; Jan. & R. p. 3-I-fI3; Grun. I833p. 27; Lewis, N. & R.

S. p. 39; Am. Nat. I833p. I53; Italy; New Zealand; Cl. I873p. 4; I830p. II3;

Cl. & M. No. 2; J. M. I873p. 247; Fortm. Cay. p. I2; Petit Cat. p. I5; Nimbu;

M. T. P. 4-I-I4; M. M. J. I874p. 2I; Sm. Sp. T. 20I; Brebissonia I879p. II7;

Shark River; Malaisia; Part. 2, p. 30; Del. Syll. p. I333; *Oestrup 1897p. 347-351*;

(Craspedodiscus & Melosira Franklino.)- *Petit, Cap Horn*

\* var., Witt I835p. 27-7fIO;

\* v. Australiensis, Grun. -Pant. 2p. 30;

\* v. Japonica, Cast. I837p. I40-I3f4; wolle pl. 59f3; Del. S. p. I333;

\* v. robusta, Grove & St. -J. Q. C. I837p. 37; Del. Syll. p. I337;

VALENS, A.S., Atlas I40fI;

WHITNEYI, E. -Abh. Ber. I870p. 57pl. 2-I-f2I; wolle pl. 59f5; Del. Syll. p. I333.

#### HYALOSIRA. ----- (K. B. p. 125-13f3(1))

-, Meneg. A. N. D. p. 465;

-, K. B. p. I25;

BESWICKII, Norman. -Prit. p. 304; Grun. I832p. 423; R. E. D. p. 307;

DELICATULA, K. B. p. I25-I3f3(1); K. S. A. p. II5; Prit. p. 304-4f42; Hall;

Grun. I832p. 425; I833p. 4; R. E. D. p. 307;

(H. minutissima, obtusangula & rectangula; -Striatella.)

MINUTISSIMA, K. B. p. I25-I3f3(2); K. S. A. p. II5; Prit. p. 304; R. E. D. p.

307; (H. & Striatella delicatula, v. -H. obtusangula & rectangula.)

OBTUSANGULA, K. B. p. I25-I3f3(4); K. S. A. p. II5; Kutz. I833; Prit. p. 304-

I4f29; Eil. Sp. T. No. 53; R. E. D. p. 307; Sm. Sp. T. 202; A. V. M. J. I873p. I53;

(Achnanthes parvula; -

H. minutissima & rectangula; -H. & Striatella delicatula, v.)-

PUNCTATA, Bailey & H. p. I3I-9f29, 30; Prit. p. 304; R. E. D. p. 307;

Grun. I832p. 423;

(Striatella.)--

RECTANGULA, K. B. p. I25-I3f3(3); K. S. A. p. II5; Prit. p. 304-I4f23; M. D.

pl. I3fI; Breb. D. C. p. : R. E. D. p. 307;

(H. & Striatella delicatula, v. -H. minutissima & obtusangula.)----

> Noval-Caesaræ, Boyer. - L.D. 2, n<sup>o</sup>. 22 p. 207: -

(Triceratium.)



-----  
A Genus of Link: in Horae Phys. Berolinensis, 1820p.5: (Schizonema.)--

## HYDROSERA. ----- (Wallich, 1854)

- BORYANA, Pant. 2p. 32-30f423; (H. whampoensis.)  
 " v. hexagona, Pant. 2p. 32-30f420; (i.  
 COMPRESSA, wallich. - M. J. 1353p. 251-13f7-12; Prit. p. 352-3f3;  
 R.E.D. p. 317; (H. triquetra.)  
 MAURITANEA, Beron. - LeD. 1390p. 31-5f3:  
 TRICORONATA, Stolterf. - J.R.M.S. 1331p. 424-5f2, 5; (H. tricolorata.)  
 TRIFOLIATA, Cl. - Del. Syll. p. 397; (Triceratium.)  
 TRIQUETRA, Wall. - M. J. 1353p. 251-13f1-3; Prit. p. 352-3f13; M. J. 1. 43125;  
 Girard Ross. p. 9-2f9; R.E.D. p. 317; Sm. Sp. 7. 203; M.T.P. 4-4-10, 11; Cl.  
 Vega p. 509; Atlas 73f33; Wille pl. 105f9-12; Del. Syll. p. 397; Atlantic  
 City; (H. compressa; -Terpsinoe; -Triceratium Javanicum.)--  
 " v. quadrigona, Brun & T. p. 71-3f5;  
 WHAMPOENSIS, Schwarz. - J.M. July 1391p. ; LeD. Vol. 2p. 72; Heaw. Vol. 13,  
 p. 163 cum icone; Del. Syll. p. 397:

## HYDROSILICON. --- (Brun, 1891) -

MITRA, Brun 1391p. 31-2f3; Del. Syll. p. 1425: (Amphifora rimosa.)

## HYSTRIX. ----- (Bory, 1822) -

A Subgenus of Syneura: - Bory St. Vincent, 1824: - (Syn. Gailloni.)

## INSILELLA. ----- (Ehr., 1844) -

- AFRICANA, E. - Abh. Ber. 1344p. 33; 1345p. 363; Mik. p. 140; K.S.A. p. 32;  
 Prit. p. 327; Del. Syll. p. 936:  
 AMPHICENTRA, E. - Abh. B. 1372p. 214-62f3; Del. S. p. 937:  
 TENUIS, E. - Abh. B. 1372p. 299; Nord. p. 22-2f35; Del. S. p. 937:  
 TURGIDA, E. - Mik. p. 233:  
 " var. aspera, E., Mik. p. 233; Del. S. p. 937:  
 " v. laevis, E., Mik. p. 233; Del. S. p. 937:  
 VERTICILLATA, E. - Abh. B. 1372p. 299; Nord. p. 22-2f34; Del. Syll. p. 937:

## ISODISCUS. ----- (Rattray, 1871) -

- DEBYI, Rattray. - J.R.M.S. 1331p. 920; Del. Syll. p. 1090:  
 (Eupodiscus; -Lampriscus.) ----  
 MIRIFICUS, Rattr. - J.R.M.S. 1331p. 920-16f4; LeD. Vol. 1p. 23-3f2;  
 Del. Syll. p. 1090:

## ISTHIA. ----- (Ryland, 1831) -

- , Meneg. A.N.D. p. 432; -, V.H. Syll. p. 12;  
 -, E., Inf. p. 209; - J.R.M.S. 1884p. 171; -, Atlas 13513:  
 -, Am. Nat. 1373p. 571; -, Witt 1333p. 17-3f17:  
 AFRICANA, E. - ~~Abh.~~ Ber. 1344p. 33; Mik. pl. 21f5/a, b; K.S.A. p. 103; Prit.  
 p. 351; R.E.D. p. 310; Del. Syll. p. 334:  
 CAPENSIS, Grun. - Atlas 136f14; 145f4-3; (Isthmiella.)  
 CATENATA, Meneg. - K.B. p. 32; (Eucyrtella paradoxum.) ---

neriosa, Vestrup 1897 p. 343: Carp. 1891, f 394, 408: J. Q. C. 1885 p. 168:  
+ " var. Nankooensis, - Grevillea Vol. 1 p. 92-6 f 6a, b: -

> reticularis, Braun. - L. D. 2, n° 22 p. 239-19 f 19:

- ENERVIS, E. - Inf. p. 209-16f6; A.M.N.H. 1843p. 271-3f1; K.B.p. 137-19f4; V. S.A.p. 135; Prit. 1852pl. 4f133; Desmaz. Ino. 1474; Brev. D.C.: S.B.D. 2p. - 52pl. 48; Grun. 1860p. - 3f33; R. Alp. E. No. 724; R.D. Ex. 37; Prit. p. 351-10f133; Eul. Sp. 1.54; R.E.D. p. 309; Hohenack. Alg. No. 454; Jan. & R. p. 9-4f13; Carr. p. 95; M.D. pl. 13f2; Girard Foss. p. 11-1f23; 2f23; M.M.J. 172, pp. 123, 256; Lagr. 1876p. 16; Cl. 1873p. 15; Vega p. 436; Cl. & M. 9: O'M. I. D. p. 280; Sm. Sp. 1. 204; Kent Infus. Vol. 1p. 59; Brun & T. p. 72; V.H.S. p. 201-96f1-3; T. 436: Atlas 136f1, 6, 7, 9; Perag. p. 75: wolle pl. 109f5-9; Malaisie: m.m.J. 1877p. 63-172f1; (Biddulphia; - Bidd., Conferva & Diatoma obliquata; - I. obliquata, "b".: - Isthmiella.)
- " var., A.S., Atlas 136f3, 4; Malaisie;
- " v. japonica, Grove & St. - J.Q.C. 1886p. 324; Castr. 1887p. 96-23f5:
- FILIFORMIS, Men. - Linnea 1840p. 205: (Non-Diatomaceans.) --
- LINDIGIANA, Eul. - Heaw. Vol. 3p. 29; M.M.J. 1879p. 70-193f1a-d; Atlas 136f2; 145f1-3; Cl. Vega p. 503: *C. M. #148*; (Isthmiella.) --
- MEMBRANACEA, Cl. - LeD. Vol. 2p. 51-9f14-13:
- MINIMA, Bail. & H. p. 173-9f11; Prit. p. 351; R.E.D. p. 310; Sm. Sp. 1. 205; W. & C. 2p. 5-5f9; A.M.M.J. 1873p. 133; Atlas 145f9; Malaisie: - (Isthmiella.) --
- NERVOSA, K.B.p. 137-19f5; K.S.A.p. 135; S.B.D. 2p. 52pl. 47; Front.; Prit. p. 351; Jan. & R. p. 9-4f12; R.D. Ex. No. 33; R.E.D. p. 309, 134; Girard Foss. p. 13-3f12; Carr. p. 95; N. & R. S. p. 63; Cl. 1867p. 333; 1873p. 10; Vega p. 436; Cl. & M. 3; Grun. 1863p. 102; M.M.J. 1873p. 206-33f4; Reinhard; O'M. I. D. p. 279-27f15; A.J.M. 1873p. 93, f1-5; p. 125, f5, 6; Sm. Sp. 1. 203; Perag. p. 75: M.T.P. 4-6-10; Carp. 1831p. 330, f163, 181; J.Q.C. 1887p. 42-4f6; Brun. & T. p. 71: Atlas 135f1-6; 136f5; 145f10, 11; wolle pl. 109f1-5; Del. Syll. p. 333; m.m.J. 1877p. 63-171f6, 7; (Conferva, Diatoma & I. obliquata.) --
- " v. Nankooensis, Grun. 1863p. 102-1a, f21; Heaw. 1867p. 30; Del. S. p. 333:
- OBLIQUATA, Ag. Cons. p. 55: E. Inf. p. 209-16f4, 5; Engl. Bot. p. 405; K. Syn. p. 51-4f59; Linnea 1833p. 579-4f59; Harvey Man. p. 200; A.M.N.H. 1843p. 272-3f2; Lagr. 1876p. 13; - (Biddulphia, Conferva, Diatoma; - I. enervis & nervosa.)
- " var. "b" tenuior, Ag. Cons. p. 55: (I. enervis)
- POLYMORPHA, Montagne. (Cerataulus laevis & p.)
- STOMATOMORPHA, Meneg. - Linnea 1840p. 205: Del. S. p. 334: - (Non-Diat.) --
- SZABOI, Pant. Ip. 47-3f24a, b; 2, p. 31; Notar. 1833p. 533: (Isthmiella.) --
- VERTEBRATA, Men. - Linnea 1840p. 205; Del. Syll. p. 334: - (Non-Diatomaceans.) --
- VESICULOSA, Ag. Cons. p. 55: (Amphitetras antediluviana; - Diatoma.) --
- VITREA, Kitt. - M.M.J. 1873p. 206-33f3: Atlas 145f12-17: (Pyxilla variabilis.) --

ISTHMIELLA. ---- (Cleve, 1876.)

- CAPENSIS, Grun. - Del. Syll. p. 336: (Isthmia.)
- ENERVIS, Cl., 1873p. 10; Del. S. p. 334: "
- LINDIGIANA, Eul. - Del. S. p. 335: "
- MEMBRANACEA, Cl. - Del. S. p. 335: "
- MINIMA, B. & H. - Del. S. p. 335: "
- SZABOI, Pant. Del. Syll. p. 336: "





ANTISQUA, Grun. -V.H.S. pl. 95(2) f10, II: B.S.B. 1335p. 173-1f13, 14; 4n45;  
3f<sup>a</sup>, b<sup>a</sup>: Ann. Soc. Belg. 1333p. 1.3f19; (Coscinodiscus Ludovicianus.)--  
TITIANA, Grun. -V.H.S. pl. 95(2) f7-9; (Biddulphia; -Cerataulus.)

KENTRODISCUS.-- (Pantocsek, 1891.)--  
~~Rossfuchs~~, Pant. 2p. 75-23f350; Det. Syll. p. 1012:

KERATOPHORA.--- (Pantocsek, 1891.)--  
NITIDA, Pant. 2p. 35-17f230: Det. Syll. p. 393:  
ROBUSTA, Pant. 2p. 35-16f277: Det. S. p. 393:

KTENODISCUS.--- (Pantocsek, 1891.)--  
HUNGARICUS, Pant. 2p. 75-3f102, 109; Det. Syll. p. 1012;  
RUSSICUS, Pant. 3p. -24f353, 354; Det. S. p. 1012:--(Non-Diat.)--

KITTONIA.----- (Mac Sturt, 1887.)--  
ELABORATA, Grove & St. -J.Q.C. 1337p. 42-4f5; Atlas II 5f19, 20: Det.  
Syll. p. 393: (Biddulphia.)  
GIGANTEA, Grev. -Det. Syll. p. 393: (Biddulphia; -K. Grevilleana.)  
GREVILLEANA, Gro. & Sturt. -J.Q.C. 1337p. 73: (Bidd. & K. gigantea.)---  
VIRGATA, Gro. & St. -J.Q.C. 1337p. 73-3f23; Notar. 1337p. 347; Det. Syll.  
p. 397: (Biddulphia.)-

LAMPRISCUS.----- (Lounon, 1884.)--  
CIRCULARIS, Grun. -V.H.S. pl. 103f10: Det. Syll. p. 1133: (Triceratium.)  
DEBYI, Gro. & St. -J.Q.C. 1337p. 133-II f27; Det. Syll. p. 1133;  
(Eupodiscus; -Isodiscus.)  
FASCICULATUS, Pant. -Det. S. p. 1133; (Lamprotediscus.)---  
GIBBOSUS, Bailey. -Det. Syll. p. 1133: (Tricer.)  
" v. crenulata, Grun., in V.H.S.: Det. S. p. 1133: (Tric. c.)--  
KITTONI, A.S., Atlas 30f11: Det. S. p. 1133: (Tric.)---  
LEUDUGERI, Deby. -Ann. Bot. Brit. 1392p. 41-5f4: Det. Syll. p. 1133;

LAMPROTEDISCUS.-- (Pantocsek, 1893.)--  
FASCICULATUS, Pant. 3p. -16f233; (Lampriscus f)

LAUDERIA.----- (Cleve, 1872.)--  
ANNULATA, Cleve Java p. 3-1f7; Sm. Sp. T. 207; A.J.M. 1373p. 134; Malaisie;  
Castr. 1337p. 39-3f7; Villef. p. 30: Atlas 130f47; LeD. No. 9p. 105-13f11:  
Det. Syll. p. 771: (Cresswellia a. & cylindracea.)  
DELICATULA, Perag. Villef. p. 31-3f43; LeD. No. 9p. 105-13f13; Notar. 1339  
p. 335: Det. S. p. 772: Cl. 1891p. 24: (L. pumila.)  
ELONGATA, Castr. 1337p. 39-9f4; LeD. No. 9p. 105-13f12; Notar. 1339p.  
753; Det. S. p. 771:  
MEDITERRANEA, Perag. Villef. p. 31-3f45; Notar. 1339p. 355: Det. Syll. p.  
771: (Dactyliosolen; -Leptocylindrus  
MOSELEYANA, Castr. 1337p. 90-24f9; LeD. No. 9p. 105-13f10; Notar. 1339p.  
753; Det. S. p. 772;

Kittonia.

- > Barboi, Mun. - Le D. vol. 2, no. 22, p. 239-19 f 2:
- > Hillabyana, Bm. - Le D. 2, no. 22 p. 239-19 f 3, 4: -

Lamella. (Bm, 1894. -

- > aculata, Bm. - Le D. vol. 2, no. 16 p. 78-5 f 24, 25.

Laucleria.

- > annulata, Cl. 1897 p. 23-2 f 13-15:
- > delicatula,
- > fragilis, Gran, Ber. Deut. Bot. Ges. vol. 15 p. 133: Cl. 1897 p. 24:

OBUSATA, Shousbie.-Perag.Villef.p.80-8f47; Notar.I889p.885: Del.  
Syll.p.772: (Diatoma.)--

' var.Suluensis, Perag.Villef.p.8I:

PUMILA, Castr.I887p.89-9f8; Notar.I889p.759; DeT.Syll.p.77I:

Malaisie: (L.delicatula.)

LEPIDODISCUS.-- (Witt, 1886.)--

ELEGANS, Witt I885p.28-7f8; Atlas I03f5; Pant.Ip.45-20fI82; 2p.II0:  
DeT.Syll.p.I395:

STELLA, Brun.-Atlas I84f8:

imperiensis, Brun.-Atlas 202f8:

LEPTOCYLINDRUS. - (Cleve, 1889)

+ DANICUS, Cleve.Kattegat I889p.2 cum icone; LeD.No.9p.I04-I2f2I, 22;  
Bot.Cbl't.I890Nos.27, 28; DeT.Syll.p.822: -(Dactyliosolen Mediterr.)

LEUDUGERIA. ---- (Tempere, 1893.)

JANISCHII, Tempere, I893; DeT.Syll.p.I327: -(Euodia; -Eunotiopsis.)

LIBELLUS. ----- (Cleve, 1893.)

AFRICANUS, Cl.Navic.p.I45: (Navicula a.)--

APONINUS, K.-DeIoni, Int.Lib.I890p.97I; Syll.p.203; Cl.Nav.p.I54;

(Navic.a. & Vichiensis.)-

BIBLOS, Cl.Nav.p.I45:

(Nav.)

BULNHEIMII, Grun.-Cl.Nav.p.I54:

(Nav.)

+ COMPLANATUS, Grun.-DeT.S.p.203; Cl.Nav.p.I53: (Amphora; -Nav.)

CONSTRICUS, E.-DeIoni, Syll.p.202; Int.Lib.I890p.97I: Cl.Nav.p.I45;

(Amphiprora; -Nav.simulans; -Stauroneis amphoroides & c.)----

GREVILLEI, Cl.I873p.I8; I873p.I9; Navic.p.I52; DeT.S.p.20I:

> (Nav.libellus; -Nav.& Schizonema Delognei & G.) Oestrup '97p.316:

HAMULIFERUS, Grun.-DeT.Syll.p.202; Int.Lib.I890p.97I: (Nav.h., Grun.)-

HYALOSIRA, Cleve Nav.p.I53:

(Navicula.)--

PLICATA, E.-DeT.Syll.p.202: Int.Lib.I890p.97I: Cl.Nav.p.I54: (Nav.)

RHOMBICUS, Greg.-DeT.Syll.p.20I; Cl.Nav.p.I52: -(Nav.rhombus, p.p., Greg.)

Oestrup 1897p.316:

LICMOPHORA. ---- (Agardh, 1827.)

-, Meneg.A.N.D.p.464;

-, Heuw.Vol.Ip.I03-I3f8;

-, Am.Nat.I868p.5I0-I3f20: (L.flabellata.)----

ABBREVIATA, Ag.Cons.p.42: (Gomphonema; -Podosphaenia; -Rhipidophora)

ANGLICA, K.-V.H.S.p.I58-46fI4; Villef.p.86: Malaisie:

DeT.Syll.p.732: Oestrup 1897p.339;

(Rhipid.)-

" v.elongata, Grun.-V.H.S. 46fI5: -

(Podosph.grahilis, minor.)

ANGUSTATA, Grun.-V.H.S.pl.46f6, 7; DeT.S.p.734; Malaisie;

ARGENTESCENS, Ag.Cons.p.4I; Icon.Alg.Eur.No.2; Grun.I862p.352; R.E.

D.p.299, f77: Sm.Sp.T.208; A.J.M.I873p.I84; Cl.I873p.I4: Ag.Bot.2.1117:

(Gomphonema; -L.flabellata: Merid.radians.)

" v.flabellata, Carmichael.-Grun.I862p.352; R.E.D.p.299:

(Echinella, Exilaria & L.flabellata, Ag.: -L.radians.)-

" v.splendida, Grev.-Grun.I862p.352; R.E.D.p.299:

(L.flabellata, K., & splendida, Grev.)----



Leptorylinthus.

+ Danicus, Cl. 1894 p. 15-2 f 4, 5: Katt. 1889 p. 54: Cl. 1897 p. 2

+ complanatus,

" var. hyperborea, Gm. - Oestr. 1897 p. 316: - (L. Groenlandica.)

> Groenlandicus, Oestrup 1897 p. 316 - 2 f 4: - (L. complanata, v. hyperborea.) -

+ Lynbyei, K.-

" forma minor, V.H.S. pl. 47f17,18:

+ ordipus,

" forma elongata, Gn. - V.H.S. pl. 47f1:

- AUSTRALIS, K.-V.H.S.pl.43f13, 17:-(L. paradoxa? Podoc. Malaisie; Rhinodophora  
 BAILEYI, Grun.-Hedw.Vol.3p.30; Det.Syll.1.733: (Podosph. Malaisie.)--  
 BOREALIS, K.-Cleve Vega p.435: (Rhipid.)  
 CALIFORNICA, Grun.-V.H.S.pl.47f14; Wollf pl.47f32, 32a; Det.S.1.733;  
 CAPENSIS, Grun.-Hedw.Vol.3p.36, f56; M.T.P.3-2-3,4: Det.S.p.733;  
 (Podosph.)----  
 COMMUNIS, Heiberg.-V.H.S.pl.43f8,9; Det.S.p.733; Malaisie:-(Podos.)  
 ' v.elongata, DeNot.-Erbar.Critt.Ital.No.1439; Hedw.Vol.2p.72;  
 Det.Syll.p.736;  
 CONSTRICTA, Grun.-V.H.S.pl.47f6; Malaisie: (L.Jurgensii, v.3)  
 CRATICULA, Mont. Ann. p.303; Syll.p.473; Det.S.p.739: (Podosph.)-  
 CROZIERI, Grun.- (L.remulus.)--  
 CRYSTALLINA, K.-V.H.S.pl.43f19,20; Det.S.p.737;  
 (L.paradoxa, v.1-Rhip.)--  
 DALMATICA, K.-Hedw.Vol.3p.35; Dannf.p.46; V.H.S.p.153-47f7,9;  
 T.No.326; Villef.p.66; Det.S.p.733; (Podosph.: -Rhipid.)--  
 ' v.tenella, Grun.-V.H.S.pl.47f8; Det.S.p.733: (Rhipidoph. t.)--  
 DEBILIS, K.-V.H.S.pl.43f22, 25; Det.S.1.733: (Podosph.)--  
 ' v.laevissima, Grun.-V.H.S.pl.43f24, 25; Det.Syll.p.733;  
 DIVISA, K.3.1.123-1115; K.S.A.1.115; Prit.p.772-13115;  
 (L.grandis: -Rhipid.elongata.)  
 EHRENBERGII, K.-Grun., Hedw.Vol.3p.33; Dannf.p.46; Villef.p.66; V.H.S.  
 pl.47f10, 11; Det.S.p.734; (Podosph. Malaisie.)-  
 ' v.angustata, Grun.-Hedw.Vol. (1367)p.36: (Podos. a.)  
 ELONGATA, Cleve Vega p.435:  
 ERYTHROEA, Grun.-Det.Syll.1.733: (Podosph. t., Shad.)-  
 FIBULA, Grun., in Hedw.Vol.3p.23: (Gomphonema tinetum.)  
 FLABELLATA, ~~Carr.~~ Ag. Cons.p.41; British Fl.Vol.5p.403; Hedw. Vol.1.  
 206; K.B.p.123-12f1(2-4); K.S.A.p.113; Wyatt Alg.Darm.234; Prit.1.  
 771-4f9; 10f191-193; T.M.S.13331.57; Hedw.N.1.1.3124; Grun. Vol.1.  
 13-3f36; Broo.5.1.1. : Carr.1.73; Cl. & M.119; Grun.1373p.23; Carr.  
 1331p.342, f172; Vega p.503; V.H.S.pl.43f12, 3; 1.326; Prit.1.71; 225.  
 S.p.731; Villef.p.66; Wollf pls.29f1,2; 47f27-29; Shark River;  
 Malaisie: Carr. 1891, f401: (Schizelia f. & splendens:  
 Exilaria; Meridion radians; -L.Meneghiniana, argentescens, splendens;-  
 Gomphonema argentescens, flabellatum, flabellum.)  
 ' forma brevior, Cleve Vega p.435; Carr. 1891, f401: (Schizelia f. & splendens)  
 FLABELLATA, S.B.C.1.33-pls.23, 31f234; Front.; Sci.G.1300, 232; S.T.  
 M.S.1370p.335; Ent.S.1.55; Sp.S.1.573: (L.radians & splendens.)  
 FULGENS, K.B.p.123-13f5; K.S.A.p.113;  
 (Araucaria; -Diatora radians; -Exilaria; -Gomphonema; -Synura.)--  
 GRACILIS, K.-Grun., Hedw.Vol.3p.34; Dannf.1.1; V.H.S.pl.43f16; Villef.  
 p.66; Wollf pl.47f30, 31; Det.S.1.732: (Podosph. 1897p.339: (Podosph.)--  
 ' v.elongata, K.-Det.Syll.1.732: (Rhipidophora t.)--  
 FRANCIS, K.-Grun., V.H.S.pl.43f2, 3; Cl.Vega p.435; Malaisie; Det.Syll.  
 p.735: (Podosph. Malaisie; -Rhipidophora; -Synura.)  
 ' v.divisa, Grun.-V.H.S.pl.43f4,5; (Lic.div.)-

+ paradoxa, oestrup 1897 p. 339: Petit, Cap Horni.

- HEALINA, K. -Grun., Hedw. Vol. 6p. 36; Cl. & M. No. 71; V.H.S. pl. 48f5, 7;  
Det. Syll. p. 735: *Oestrup 1897 p. 339*; (Podosph. 12; -Rhipidophora.) -
- JURGENSEII, Ag. Cons. p. 42; Hooker's Br. Fl. p. 403; Cl. No. 101; V.H.S. p. 435; Danf. p. 45; V.H.S. pl. 48f10, II; Woll. p. 29f12; 47f33, 34;  
Det. Syll. p. 732: (*Frustulia Lyngbyei*; -*L. constricta* &  
*Reichardtii*; -Podosph. 12; -Rhipidophora elongata; -*Styllaria cuneata*.)  
var., V.H. Type No. 324;  
v. Capensis, Grun. -V.H.S. pl. 46f3a-c; Det. S. p. 732;  
v. Chersonensis, Grun. -V.H.S. pl. 46f9; Det. S. p. 732;  
v. constricta, Grun. -De Toni, Syll. p. 732: - (*L. constricta*).  
v. dubia, Grun. -V.H.S. pl. 46f12; Det. S. p. 732:  
(*Frust. Lyngbyei*; -Podosph. cuneata & Jurgensii; -Rhipid. elongata.)  
v. Finmarchica, Grun. -Cl. 1330p. II0-7f125; Vega p. 485; Det. S. p. 732;  
v. Reichardtii, Grun. -Det. S. p. 732: (Licm. Reich.) --
- KAMTSCHATICA, Grun. -V. A. S. pl. 46f5; Det. S. p. 734;  
LYNGBYEI, K. -Grun., Hedw. Vol. 6p. 35; V. A. S. pl. 46f1; 47f13; T. No. 321; Cl. Vega p. 501; Malaisie; Villef. p. 33; Det. S. p. 734; *Petit, Cap Horn*:  
(Podosph. cuneata & l.) -- *Oestrup 1897 p. 339*:  
v. abbreviata, Grun. -V.H.S. pl. 47f20; Malaisie; Det. S. p. 735;  
v. elongata, Grun. -V.H.S. pl. 47f21; T. No. 322; *Petit, Cap Horn*:  
v. longa, Grun. -V.H.S. pl. 48f11; Malaisie;  
v. minuta, Grun. -V.H.S. pl. 47f19;  
v. Pappeana, Grun. -V.H.S. pl. 47f15; Vega p. 503; Malaisie;  
Det. Syll. p. 735: (Licm. Pap.)
- LONGISSIMA, Lead. -Det. S. p. 733; (Podosph.)
- MENECHINIANA, K. B. p. 123; K. S. A. p. 113; Prit. p. 771; Malaisie; Grun. 1332p. 353-6f21; (L. flabellata, Mgr.; -Rhipidoph.) ---
- MINUTA, K. Alg. Eur. No. 26; Ag. Bot. Zeit. 1327p. 329; Lagr. 1334p. 49;  
(*Echinella* & *Gomphonema abbreviata*; -*Gomph. brevipes*, *acuminatum* & m.)
- NEUMAYERI, Jan. -Det. Syll. p. 739: (Podosph.)
- NUBECULA, K. -Grun., 1373p. 26; Lagr. 1373p. 24; V.H.S. pl. 48f13; Cl. Vega p. 485; Det. S. p. 737; L. paradoxa, v.; -Podosph.; -Rhipid.) -
- OCULATA, Hassall Alg. p. 425-100f9; (*Sarirella ovata*) --
- OEDIPUS, K. -Grun. 1334p. 5-2f13; V.H.S. pl. 47f2, 3; T. 325; Malaisie;  
Det. S. p. 733; (Podosph.; -Rhipid.) -
- OVATA, W. S. -Grun., Hedw. Vol. 6p. 36; V.H.S. pl. 47f12; T. No. 327;  
Villef. p. 33; Det. S. p. 734; (L. Ehrenbergii, v.; -Podosph.) --
- v. Barbaudensis, Grun. -Det. Syll. p. 734; V.H.S. p. 47f13; (Lic. Barb.)
- PAPPEANA, Grun. -Hedw. Vol. 6p. 36; Cl. Vega p. 503; Woll. p. 22f26, 27;  
(L. Lyngbyei, var.; -Podosph.) --
- PARADOXA, Ag. -Lagr. 1373p. 24; V. A. S. pl. 48f10-12; Villef. p. 33; Cl. 1391p. 34; Det. Syll. p. 733; (*Diatoma flabellatum*; -*Echinella* p. &  
*splendide*; -L. Australis & communis; -*Gomphonema*; -Rhipidophora: *L. paradoxa*.)  
v. Australis, K. -Det. S. p. 737: - (*Styllaria*; -Rhipidoph.; -Podosph. 12.) --  
v. gracillima, Grun. -Det. S. p. 737; (Licm. Australis.)
- RADIANS, K. B. p. 123-II f4; 12f1(I); K. S. A. p. 113; (Meridion; --  
*Gomphonema flabellum*; -*Gomph.*, Licm. & *Echinella flabellata*.) -
- REICHARDTII, Grun., V. A. S. pl. 47f4, 5; (L. Jurgensii, v.)



- REMULUS, Grun. -M.M.J. 1377p. -1930; Heaw. 13371.34; V. & S. 11.40f4;  
 Det. Syll. p. 731; (Podosphaeria) -  
 SPLENDIDA, Grev. -Hooker's British Flora 1.403; Harv. Man. p. 200; S. &  
 D. 1p. 35f1s. 26, 32f233; Breb. D.C.p. : Prit. p. 771; M.D. 1. 12f3; Lewis,  
 N. & R. S. p. 37; Carr. p. 73; Sm. Sp. T. 209; A.S.M. 1373p. 134; (Echinella  
 Meneghiniana, radians, s.; -Gomphonema; -L. argenteosens, v.; -M. (L. or.) -  
 TENUI, K. -Grun., Heaw. Vol. 61. 35; Danf. 1. 46; Det. S. 1. 737;  
 (Podosphaeria gracilis, v.; -Rhipidophora) --- > 1770. 48f21.  
 TINCTA, Ag. -Grun., Heaw. Vol. 6p. 35; Danf. p. 46; Laj. 1. 1334p. 24; V. & S. 11.  
 43f13-15; T. 323; Shark River; Wolle pl. 47f35-37; Malaisia;  
 (Gomphonema; -Podosphaeria; -Rhipidophora.) ---

## LIONEIS.----- (Ehr., 1872)

PARADOXA, E. -Abh. Ber. 1872p. -2f19:

## LIOSTEPHANIA.--- (Ehr., 1847) ---

- COMPTA, E. -Abh. Ber. 1847p. 55; 1875pl. 1f5, 6; Mik. pl. 36f41;  
 Prit. p. 313; Wolle pl. 62f21; Det. Syll. p. 1422;  
 JAPONICA, Brun & T. p. 38-4f2; Det. S. p. 1422;  
 MAGNIFICA, E. -Abh. B. 1847p. 55; 1875pl. 1f7, 8; Mik. pl. 36f42;  
 Prit. p. 313-5f56; Det. S. p. 1422;  
 ROTULA, E. -Abh. Ber. 1847p. 55; 1875pl. 1f9, 10; Mik. pl. 36f40; Prit. p.  
 813-5f57; M.D. pl. 43f32; Det. S. p. 1422;  
 " var., A.S., Atlas 30f9, 10;  
 SCHMIDTII, Grun. -V.H.S. pl. 127f10; Det. Syll. p. 1422:

## LIPAROGYRA.----- (Ehr., 1844) ---

- CIRCULARIS, E. -Abh. Ber. 1844p. 219; 1871pl. 2a, f3, 4; R.S.D. p. 12; Prit.  
 p. 323; Sur. Jap. p. 3-1f4; (Melosira Roesseana, v. hamatryas.) ---  
 DENDROTETES, E. -Abh. B. 1844p. 219; 1871pl. 2a, f5-9; R.S.D. p. 12; Prit.  
 p. 323-5f72; Deby D.T.: M.T.P. 2-1-3;  
 (L. spiralis, v.; -Melos. Roesseana, v. dend.; -Orthosira mirabilis.) ---  
 SCALARIS, E. -Mik. p. 140pl. 34-5a, f2; Prit. p. 323;  
 SPIRALIS, E. -Mik. pl. 34-5(a)f2; Sm. Sp. T. 210; A.S.M. 1373p. 134; Atlas,  
 132f39; (L. dendrotetes; -L. Roesseana, v. spir.)

## LIRADISCUS.----- (Grev., 1865) ---

- BARBADENSIS, Grev. -T.M.S. 1335p. 5-1f14; M.D. 1. 43f13; Rattr. Rev. p. 224;  
 CAPENSIS, Cleve, N.L.K.D. p. 22-5f61; Rattray Review Cosc. p. 221;  
 Det. Syll. p. 1159; (Cyclotella.) ---  
 ELLIPTICUS, Grev. -T.M.S. 1335p. 99-3f3; Rattr. Rev. 1. 222; Det. S. p. 1160;  
 FURCATUS, Grove. -Rattr. Rev. p. 222-3f23; Det. Syll. p. 1159;  
 LUCIDUS, Brun & T. p. 72;  
 MARGINATUS, Grove. -Rattr. Rev. p. 222-3f13; Det. Syll. p. 1160;  
 MINUTUS, Grev. -T.M.S. 1335p. 47-5f3; Atlantic City; Rattr. Rev. 1. 225;  
 Wolle pl. 63f14-16; Det. S. p. 1161;  
 OBLONGUS, Grun. -Cl. & M. No. 276; Rattr. Rev. 1. 223; Det. S. p. 1160;  
 OVALIS, Grev. -T.M.S. 1335p. 5-1f15, 16; J.O.C. 1377p. 71; Det. Syll. p. 1160.

Rattr. Rev. 1. 225

Lithodesmium. - (Ehr., 1840.)

Californicum, Gr. - V.H.S. pl. 115 f 9: Brum T. p. 72: Det. C. p. 986:

" v. trigona, Brum T. p. 72:

Contractum, S. R. B. - R. J. N. H. 186 p. 335-1 f 8: Wille, 82 f 28: Det. C. p. 986:

cornigerum, Br. - Le D. 2, No. 22 p. 239-24 f 15-17:

impressum? Gr. - V.H.S. pl. 115 f 3-6: Det. C. p. 986: - (Tricarinatum).

minusculeum, Gr. - V.H.S. pl. 116 f 1-5: atlas 134 f 13-17: 173 f 11:

Wille, 104 f 18, 19. - Det. C. p. 986. -

" forma major - Gr. - V.H.S. pl. 116 f 6:

segmentale, Br. 1891 p. 25-14 f 2: Det. C. p. 985 - (Ditylum).

undulatum, E. - Reid 140 p. 70-45 f 13: K. B. p. 135-24 f 24: K. S. A. p. 138: M. S. pl.

10 f 14: - Brit. p. 397-2 f 4, 42: R. E. S. p. 347 f 89: - V.H.S. p. 202-116 f 8-11; J.

No. 506: Vellep. p. 70: atlas 152 f 1-3: Det. C. p. 985: Cl. 1897 p. 24:

" v. minor, Gr. - V.H.S. pl. 116 f 12:



EHRENBERGII, Trevisan I343 Algae Coccot. p.95:

(Diatoma.)

ELONGATA, Trev. Alg. Coccot. I343 p.95:

LUNULATA. ---- (St. Vincent, 1822.)

OLIVACEA, Bory, Dict. Class.

(Coccophora ovalium.) ----

Ag. Cons. p. 39.

(Merid. vernalis)

LYSICYCLIA. ----

VOGELII - E. - Abh. Berl. I353 p. 333-f29; Prit. p. 315-3f39; Det. Syll. p.

I370:

(Hyalodiscus?) ----

LYSIGONIUM. ---- (Link, 1820.) -

AMERICANUM, K. - De Toni, Syll. p. I330:

(Melosira A.) --

CRENULATUM, K. - Lagr. I334 p. 34:

FASCIATUM, Lagr. I334 p. 55: (Dillw.) --

(Conferva; -Mel. varians.) -

LINEATUM, Link, - Hort. Berolinensis I320 p. 4:

(L. &amp; Melosira moniliformis; -Melosira.)

JURGENSII, Ag. - Trev. Alg. Coccot. p. 95: Det. Syll. p. I330;

(Conferva lineata, p. p. - Mel. subflexilis.) ---

v. subangulare, Grun. - Det. Syll. p. I330:

(Mel. Jurg., var. octagona.) ----

MONILIFORME, Link. - Hort. Berolin. I320 p. 4; Det. S. p. I328:

(Conferva lineata, m., &amp; nummuloidea; -Gailonella lineata &amp; m.: -Mel.

Borreri, lineata, lentigera, &amp; m.: -L. &amp; Fragilaria lineata; -Podiscus

Jamaicensis; -Rosaria lentigera.) --

forma Bottnica, Grun. - Det. Syll. p. I329;

(Melosira B.) -

v. hispida, Castr. - Det. S. p. I329:

(Mel. Borreri forma hisp.)

NUMMULOIDES, Heib. p. 29; O'M. I. D. p. 243-26 f4;

(Mel.)

ORICHALCEUM, Mert. - Lagr. I334 p. 34:

(Conferva; -Mel.) ----

SUBFLEXILE, K. - Lagr. I334 p. 45:

(Melosira, &amp; Jurgensii; -Mel. varians, var. s.; -

TUBERCULOSUM, Cl. - Det. Syll. p. I330:

(Melosira t.) --

WESTII, O'M. - ? - (Melosira m.) -

MARGARITOXON. -- (Edm., 1861.) -

COHNII, Janisch in Verh. Schl. Gesells. January, I361;

(Entopyla C. &amp; Australis; -Euphyria &amp; Gephyria incurvata.) --

MASTODISCUS. --- (Bailey, 1874.) -

Vide J. W. Bailey N. Sp. p. 4: 1853:

(Auliscus.) -

MASTOGLOIA. ---- (Shevailer, 1846.) -

Am. Nat. I333 p. 510-I3f19:

Zinn Atlas p. 92:

Atlas p. I. I35f23, 41, 42, 44, 45;

C. Z. Trav. 2, p. 142:

Atlas p. I. I37f21, 23-30, 33, 53:

Per. Villier. p. 44-3f20: -

ACUTA, Grun. - Cl. Vega p. 491-35f3; Malaisie; Det. Syll. p. 322;

Atlas p. I. I35f3, 24:

Atlas I33f22; Cl. Vega p. 491-35f3;

Atlas p. I. I35f14, 32, 34, 35, 39, 49

ACUTUSCULA, Grun. MSS.; Cl. Vega p. 495; Det. S. p. 319;

AFFINIS, Cl. - Led. No. Iip. I63-23f19; Cl. Vega p. 151;

AFFIRMATA, Grun. - Atlas I33f31; C. Z. Trav. 2, p. 155: Grun. p. 162-23f15

(Navicula; -M. agamosa.) -



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ALBIFRONS, Brun.-Atlas I87f33:

(M. exarata.) ---

AMPHICEPHALA, Grun.-Atlas I35f15:

v. humerosa, Brun.-Atlas I35f13, 14;

AMYGDALA, Fortm.-Ann. Bot. Brit. I392p. 19-2f7: -(M. exigua)

ANGULATA, Lewis, N. &amp; R. S. p. 65-2f4; Lager. I373p. 57; Cl. &amp; M. No. 205: Grun.

+ I373p. 15; Sm. Sp. 1.211; Villef. p. 44-3f22; Woll. pl. I07f10; Malaisie;

Atlas I36f24; I37f4-II; 2 f. 11; Cl. Nav. 2p. 147;

v. pusilla, Grun.-M. M. J. I377p. 175-I95f3; Cl. Nav. 2p. 147;

ANTIQUA, Schum. H. T. p. 30-4f63; I362p. 190-9f53; R. E. D. p. 263; M. M. J.

I375p. 6-I09f4; LeD. No. I3p. 15-I1f9; DeT. S. p. 317; Cl. Nav. 2p. 147;

APICULATA, S. B. D. 2p. 65-32f337; Grun. I360p. 577-5f9; Prit. p. 925; All;

+ Carr. p. 114; Guillard p. 33; Breb. Verm. p. 10f17; Jan. &amp; R. p. 9-2f17; R. E.

D. p. 262; N. &amp; R. S. p. 69; O'M. I. D. p. 327; Lanzi I376p. 6; Fortm. Cey. p. 35;

M. T. P. 2-5-3; Cl. Vega p. 494; Perag. p. 31; Villef. p. 44; Woll. pl. 5124;

Malaisie; DeT. S. p. 319; Atlas I35f43; I36f23; + (M. angulata, R.)

AQUILEGIA, Grun.-M. T. P. 2-5-5; DeT. S. p. 325; Atlas I36f21, 22:

BAHAMENSIS, Cl.-LeD. No. I3p. 14-I1f13; Atlas I36f20, 21; Cl. Nav. 2p. 155;

BALDICKIANA, Grun.-Atlas I36f1, 2; Cl. Nav. 2p. 158-2f11; (M. bathyphragma)

BALKANICA, Brun.-Atlas I37f40; -(M. apiculata)

+ BALTICA, Grun.-V. H. S. pl. 4f24; DeT. S. p. 320; Atlas I35f33; (M. citris.)-

BINORNATA, O'M.-M. J. I371p. 211; DeT. Syll. p. 325;

BINOTATA, O'M.-M. J. I372p. 318; DeT. S. p. 325; Cl. Nav. 2p. 145 (orthocentrus)

BISULCATA, Grun.-M. M. J. I377p. 173-I95f3; DeT. S. p. 323; Cl. Nav. 2p. 155;

v. Corsicana, Grun., V. H. S. pl. 4f23; Villef. p. 44; DeT. S. p. 323;

Malaisie; Atlas I37f23; (Mel. Cors.) ---

BRAUNI, Grun. I363p. 156-I3f2; I373p. 14; R. E. D. p. 263; M. T. P. 2-5-I, 2, 3;

+ V. H. S. p. 71-4f21, 22; T. No. 49; Truan I385p. 32-2f3, 4; Villef. p. 44; Cl.

I391p. 50; DeT. S. p. 322; Atlas I35f39, 45; I36f4-I2; Cl. Nav. 2p. 158;

v. pumila, Grun.-V. H. S. p. 71-4f23; Cl. I391p. 50; DeT. Syll. p. 322;

Atlas pl. I36f13: -(M. pumila) Dar

BRUNII, A. S., Atlas I36f27; (M. fallax.)

BULLATA, A. S., Atlas I36f36; -(M. erythrogastra)

CAPitata, S. B. D. 2p. 65-54f341; 32f337; Prit. p. 925; Grun. I360p.

577-5f9; Cl. I397p. 24; (M. Smithii, v.) --

CAPitata, Grev., M. J. I362p. 335-I0f11, 12; R. E. D. p. 321; DeT. S. p. 263; +

CASTRACANEI, Brun.-Atlas I36f30; Cl. Nav. 2p. 146; (Alloioneis.) --

CHERSONENSIS, A. S., Atlas I36f31, 32; -(M. chersonensis) Cl. Nav. 2p. 146;

CITRUS, Cl. Vega p. 495-35f7; Malaisie; Atlas I37f16-I9; DeT. S. p. 320;

(M. Balticae-Phlyctaenia minuta.) -- Cl. Nav. 2p. 155-2f6; (M. balticae)

CLEVEI, Br. &amp; T. p. 39-9f13; Atlas I36f34, 35; -(Dictyoneis marg., var. C.) --

CLOSEII, O'M. I. D. p. 326-29f10; DeT. S. p. 322;

+ COCCONEIFORMIS, Grun. I360p. 573-5f14; R. E. D. p. 263; DeT. S. p. 321;

CONCINNA, A. S., Atlas I36f9;

CONSTRICTA, Cl.-LeD. No. 11p. 159-23f5; Cl. Nav. 2p. 154;

var., A. S., Atlas I37f2;

CONVERGENS, O'M.-M. J. I373p. 319; I. D. p. 325-29f9; DeT. S. p. 321;

CORSICANA, Grun.-Cl. &amp; M. No. 153; (M. bisulcata, v.)

COSTATA, O'M.-I. D. p. 323-29f13; M. J. I373p. 319; DeT. Syll. p. 313;

> crucicula, Gn. Cl. Nav. 2 p. 148

-(orthoneis)

Danesii,

" v. elliptica, <sup>h.p.</sup> Dannf. Balt. p. 16-1f3: - (M. elliptica.)

" v. turgida, Brun. - Atlas 185 f5-8: - (Elliptica, var. Danesii.) -

" v. inflata, Brun. - vide description of atlas 185 f11:

> Dubia, Cl. Nav. 2 p. 162-2f38

elliptica, Ag. -

> " v. Australis, Cleve, Nav. 2 p. 152:

+ " v. Danesii, (M. antiqua, Schum.) <sup>h.p.</sup> & Danesii, var. turgida.

> " v. punctata, Cleve Nav. 2 p. 153:

+ Entoleia, Cl. Nav. 2 p. 158:

+ Erythraea

> " var. interrupta, Hb. - Cl. Nav. 2 p. 154: - (M. interrupta.)

+ Exigua, Cl. Nav. 2 p. 151: - (M. angulata.) -

> fallax, Chesterii, Cl. Nav. 2 p. 153-2f16: - (M. Brunii.)

> flexuosa, Cl. Nav. 2 p. 154-2f12:

+ floridana, Cl. (floridea.)

Gallica, M.S. - Cl. Nav. 2 p. 150: - (Oiceanisia, var. pumila, Hb. S.)

- CRAVENI, Leud. Fortm. - LeD. Vol. 2p. 33-10f5; *Cl. Nav. 2p. 159*; (*Nav. Cey.*)  
 CRIBROSA, Grun. I860p. 577-5f10; R.E.D. p. 263; V.H.S. pl. 23f6;  
 Malaisie; Del. Syll. p. 325; *Cl. Nav. 2p. 149*; (Orthoneis.) ----  
 CRUCIATA, Fortm. - LeD. Vol. 1p. 55-10f4; Atlas I37f30; (Navic. 112.)  
 CUSPIDATA, Cl. - LeD. No. I3p. I4-If13; Atlas I37f25-27;  
 DANESII, Thw. - S.B.D. 2p. 64-62f333; Grun. I860p. 576; Prit. p. 924-15f30;  
 R. Al. Eur. I00f; Carr. p. I14; Mull; R.E.D. p. 261, 155; Eiben, I37f1; Prit.  
 I.D. p. 326; Herib. p. 80; M.T.P. 2-3-29; Socotra; Dannf. p. 16-If3; V.H.S.  
 p. 70-4f13; Cl. I83Ip. 3; Perag. p. 61; Del. S. p. 315; Atlas I35f22;  
 (Dickieia; -M. elliptica.)  
 v. limosa, Brun. - Atlas I85f11;  
 DEBYI, Cl. - LeD. No. I1p. I31-23f11;  
 DECORA, Fortm. Cey. p. 36-3f32; Del. S. p. 324;  
 DECORATA, Grun. - Cl. Nav. p. 62; - (Navic. dispersa.) ----  
 DECUSSATA, Grun. I855; LeD. No. I1p. I32-23f17; Atlas I35f45, 11;  
 (M. trivolvra?) - *Cl. Nav. 2p. 147*;  
 DELICATULA, Cl. - LeD. No. I3p. I4-If20; Atlas I37f32; *Cl. Nav. 2p. 146*  
 DIVERGENS, A.S., Atlas I37f52; *Cl. Nav. 2p. 161*;  
 DOLJENSIS, Pant. Jp. 22-10f88; (M. Smithii, v.)  
 EGREGIA, A.S., Atlas I86f16; *Cl. Nav. 2p. 162*;  
 ELECTA, A.S., Atlas I37f13;  
 ELEGANS, Lewis, W.M.D. p. I7-2f16; N. & I.F. p. 346-If9; Eil. Sp. T. 57; Sm.  
 Sp. T. 212; Wolle pl. I07f3; Del. S. p. 317; Atlas I35f40; I35f19, 20;  
 I37f41; *Grun. I882 p. 150-29f20; Cl. Nav. 2p. 152*;  
 + ELLIPTICA, Ag. - V.H.S. pl. 4f19; Cl. I33Ip. 3; I39Ip. 50; Socotra;  
 Atlas I35f3, 24-27; *Cl. Nav. 2p. 152*; - (M. obtusa, Pant. - (M. elliptica.))  
 v. Danesii, Thw. - Atlas I35f5-7; - (Frist. & M. Danesii.) *Cl. Nav. 2p. 152*;  
 ELONGATA, Fortm. Cey. p. 36-3f31; Del. S. p. 324; Atlas I35f12;  
 + ENTOLIA, Cl. - LeD. No. I1p. I30-23f3; Atlas I35f13, 17; - (M. formosa.)  
 ERYTROEA, Grun. I330p. 577-5f4; Heud. Vol. 1p. 21; R.E.D. p. 266; V.H.S.  
 I377p. 174-194f12; Del. S. p. 313; Atlas I35f26, 20; *Cl. Nav. 2p. 151*;  
 v. vars., Grun. - M.M.J. I377p. 174-194f13, 14; Del. S. p. 317;  
 v. biocellata, Grun. - M.M.J. I377p. 174-194f15; Del. Syll. p. 317;  
 EXARATA, Cl. *Nav. 2p. 156-15f35*; Atlas I37f17; (M. oblonga.)  
 EXIGUA, Lewis N. & R.S. p. 65-2f5; Eiben, I37f1; Pet. Cat. p. 26; Malaisie;  
 M.T.P. 2-3-26; St. Sp. T. No. 675; Cl. & M. No. I3; V.H.S. p. 70-4f20, 25; I.  
 No. 50; Wolle pl. 30f15, 16; Cl. I39Ip. 50; Del. S. p. 322; Atlas I35f33;  
 v. Gallica, Petit. - Atlas I35f35, 37;  
 FUXINA, Cl. - LeD. No. I1p. I30-23f9; *Cl. Nav. 2p. 158*;  
 FIMBRIATA, Grun. I333p. I33; R.E.D. p. 262; Del. S. p. 325;  
 (Cocconeis; -Orthoneis.) - *Cl. Nav. 2p. 148*;  
 FLORIDA, Cl. - LeD. No. I5p. 55-3f1; *Cl. Nav. 2p. 151*; (este 'Floridana')  
 FOLIOLUM, Brun. - Atlas I37f45; *Cl. Nav. 2p. 162*;  
 FORMOSA, Cl. - (M. entolia.) --  
 FUNAULIENSIS, A.S., Atlas I37f13;  
 GILBERTI, A.S., Atlas I37f14, 15; - (M. asperita, v.)  
 GOESII, Cl. - LeD. No. I1p. I30-23f3; Atlas I35f10; *Cl. Nav. 2p. 151*;

Grovei, v. rhombica, Cl. Nav. 2p. 149-2f14:

> Hillabyana, Brun. - Led. 2, No. 22p. 240-22f5: - (Orthoneis.)

inaequalis, Cl. Nav. 2p. 150-2f15:

+ Gelineckii, Gn. - (var. Quarneri v. dilatata: var. Subrhomboides;

" v. fossilis, Cl. Nav. 2p. 160:

" v. marina, Jan. R. - Cl. Nav. 2p. 160-2f18: - (var. mar. l. c.)

> Kelleri, Pant. - Cl. Nav. 2p. 160: - (var.)

> Kinkeri, Pant. 3pl. 41+562: - (M. Baltj.)

+ Labuensis, Cl. Nav. 2p. 157-2f5: (M. acutiuscula v. Lab.) Atlas 187f2:

laminaris,

" var. intermedia, Cl., Nav. 2p. 153-2f10:

> lamprosticta,

" var. adamantina, Brun. - Led. 2, No. 22p. 240-22f8:

> lancettula, forma miocena, Brun. - Led. 2, No. 22p. 22f10:

> latericia, Cl. - Cl. Nav. 2p. 162: - (Orthoneis). Atlas 187f40:

- GREVILLEI, S.B.D. 2p. 65-62f339; M.J. 1356p. 4-1f13; Grun. 1330p. 573; Prit. p. 925; Heib. p. 94; Carr. p. 114; Jan. & R. p. 9-4f9; R.E.D. p. 250; O'M. I.D. p. 323; V.H.S. p. 71-4f20; T.No. 43; Woll. pl. 30f17, 18; Kinnord; Del. Syll. p. 315; Atlas 135f1-3: *Cl. Nav. 2p. 146*; (M. Smithii, v.)-  
 \* v. elliptica, Brun.-Atlas 135f19:  
 GROVEI, Cl.-Led. No. Iip. 131-23f10: *Cl. Nav. 2p. 149*; (M. Smithii, v.)-  
 GRUNDLERI, A.S., Atlas 133f26; *Cl. Nav. 2p. 162*:  
 GRUNOWII, A.S., Atlas 136f1-7: -(M. 5-costata.)  
 HORVATHIANA, Grun. 1330p. 573-5f13; R.E.D. p. 363; Per. Villef. p. 44:  
 DeT. S. p. 325: *Cl. Nav. 2p. 149*; (Orthoneis.) ---  
 INTERRUPTA, Hantzsch, 1363p. 20-6f5; Grun. 1363p. 16; R. Alg. Eur. sub No. 1403; R.E.D. p. 263; DeT. S. p. 323; Atlas 136f37; -(M. erythroea, var. int.) ---  
 INTERSECTA, A.S., Atlas 136f33; *Cl. Nav. 2p. 162*:  
 JAPONICA, Cl.-Led. No. Iip. 132-23f16; *Cl. Nav. 2p. 160*:  
 JAVANICA, Cl.-Atlas pl. 133f33: *Cl. Nav. 2p. 159*:  
 JELINECKI, Grun. 1363p. 99-1a, f11; M.M.J. 1377p. 174-195f1; Sm. Sp. 1. No. 213; A.J.M. 1373p. 134; Malaisie; Cl. 1373p. 7; Vega p. 494; Del. S. p. 313; Atlas 137f49; *Grevillea vol. 1p. 78-5f12*; *Cl. Nav. 2p. 160*; (Navicula J.) ---  
 \* forma minor, Cl.-DeT. Syll. p. 323; --- (Nav. Jelineckii)  
 \* v. rostellata, Grun., in Heaw. 3; --- DeT. S. p. 313: -(M. rostell.) ---  
 \* v. Italica, Brun.-Atlas 137f43; -(M. Jelin.) ---  
 KARIANA, Grun.-Cl. 1330p. 17-1f3; Vega p. 460; Del. S. p. 319; *Cl. Nav. 2p. 157*:  
 KERGUELENSIS, Castr. 1337p. 22-15f11; DeT. S. p. 321; (M. 5-costata, var. K.) ---  
 KINSMANNI, Lewis, W.M.D. p. 17-2f15; Woll. pl. 25f26, 27; Del. S. p. 317: (Bram.) ---  
 KIELLMANNI, Cleve Vega p. 495-35f6; Malaisie; DeT. Syll. p. 319:  
 Atlas pl. 136f27: *Cl. Nav. 2p. 147*:  
 LABUENSIS, Cl. Vega p. 495-35f5; DeT. S. p. 316; Malaisie; Atlas 135f4: +  
 LACUSTRIS, Grun.-V.H.S. 1; (M. Smithii, v.)-  
 \* v. conifera, Brun.-Atlas 135f12:  
 LAMINARIS, E.-Grun., Cl. & M. No. 153; Cl. Vega p. 494; DeT. S. p. 321:  
 Malaisie: *Cl. Nav. 2p. 153*: (Ceratoncis) ---  
 LANCEOLATA, Thwaites.-S.B.D. 2p. 64-54f340; Grun. 1330p. 576; 1373p. 14-3f11; Prit. p. 924; Heib. p. 94; Eul. Sp. 1. No. 56; Carr. p. 114; R.E.D. p. 261; M.D. pl. 42f22; New Zealand; Lewis, N. & R. S. p. 39; Girard Foss. p. 13-3f5; Hull; 1338p. 230; Cl. & M. 206; Sm. Sp. 1. 214; Breb. Verm. p. 10; O'M. I.D. p. 324; Macdonald pl. 10f21; Dannf. p. 15-1f2a, b; Fortm. Cey. p. 35; Lanzi, Ostia p. 31; 1376p. 5; M.T.P. 2-5-7; V.H.S. p. 70-4f15-17; Lag. 1376p. 57; Carp. 1331p. 359f190; Woll. pl. 30f19; Perag. p. 61; Pant. 2p. 41; Malaisie: Atlas 136f29: *Cl. Nav. 2p. 153*; (M. & Nav. melagris)  
 \* var. "b" producta, Grun. 1360p. 576-5f6; Lagr. 1376p. 57; Malaisie; Cl. Vega p. 494; (M. Smithii, p. p.)  
 \* var. "g" minuta, Grun. 1360p. 576-5f7; Malaisie;  
 \* v. Hungarica, Pant. 2p. 41-7f136; -(M. Smithii.) ---  
 LANCETIOLA, Cl.-Led. No. Iip. 133-23f13; Atlas 133f34; *Cl. Nav. 2p. 153*:  
 LINEOLATA, A.S., Atlas 136f33;  
 LEMNISCATA, Fortm. Cey. p. 35-3f29; Malaisie; DeT. Syll. p. 324;  
 Atlas 136f14, 15; *Cl. Nav. 2p. 154-2f26*: -(M. decora, Fortm.)  
 LEUDUGERI, Cl. & Grove.-Led. Vol. 2p. 65-10f3; Atlas 133f13; *Cl. Nav. 2p. 153*:  
 LINEATA, Cl. & Gro.-Led. Vol. 2p. 59-9f11; Malaisie; Atlas 133f37; *Cl. Nav. 2p. 153*:

+ marginulata, M. J. 1877 p. 175: Cl. Nav. 2p. 150

> navicularis,

(Coconis)

> " var. miocena, Br. - Les. 2, n. 22 p. 240-22 f 6, 7:

> neogena, Pant. 3 pl. 42 f 550: - (M. Balt.)

notata, Pant. - Cl. Nav. 2p. 151: - (Orthoneis)

> omarensis, Cl. Nav. 2p. 150-2 f 19: - (Orthoneis; Locc. armata)

> Pulchella, Cleve, Nav. 2p. 153-2 f 27-29:

> Purpura Gm. - Cl. Nav. 2p. 157: - (M. Braunii, v. purp.)

Quinquecostata, Cl. Nav. 2p. 161: (Nav. olivacea Geyeria:  
M. Grunowii + obscura, S. ansibarica + sinuata (p. p.))

" v. Kerquelensis, Cost. - Cl. Nav. 2p. 161: - (M. Kerg.)

" v. Elongata, Cl. Nav. 2p. 161: - (M. elong.)

" v. rhombica, Cl. Nav. 2p. 161: -

> rhomboidalis, Pant. 3 pl. 41 f 563: - (M. D'Arny)

+ rhombus, Cl. Nav. 2p. 146:

+ rostellata, Cl. Nav. 2p. 147:

+ rhombus, Cl. Nav. 2p. 150:



- MACDONALDII, Grev.-Trans.Bot.Soc.Edinb.1856p.237-3f15; Det.S.11.  
p.323; Atlas pl.187f42,43; *Cl. Nav. 2p.158-2f21*:
- MANCA, A.S., Atlas 183f33;
- MARGINULATA, Grun.1863p.16-1f12; M.T.P.2-5-4; Det.S.p.321;  
\* var., A.S., Atlas 186f30; -(*A. marg.*) -
- MAURITIANA, Brun.-Atlas 186f28;
- MAXIMA, Grun.1863p.156-13f1; R.E.D.p.262; Det.S.p.313;
- MELEAGRIS, Grun.1863p.156; 1863p.16; R.E.D.p.261; M.T.P.2-5-6; Cl.  
Java p.12; Det.S.p.314: (Ceratoneis; -M.lanceolata; -Navicula  
\* v.Hungarica, Pant.-Det.S.p.315: (M.lanceolata, v.Hun.)  
\* v.undulata, Grun.-R.E.D.p.261; Det.S.p.315: (Mast.und.)----
- MINUTA, Grev.-Q.J.M.S.1857p.12-3f10; Prit.p.925; Grun.1863p.16; R.E.  
D.p.263; M.M.J.1877p.174-195f7; Fortm.Cey.p.35: Cl.Vega p.494; Det.  
S.p.317; Malaisie; Atlas 187f22,24; *Cl. Nav. 2p.151-2f7*.
- \* forma Borneensis, Det.Syll.p.317;
- OBESA, Cl.-Led.No.15-1f16; *Cl. Nav. 2p.160*:
- OBSCURA, Fortm.Cey.p.36-3f33; Det.Syll.p.324; -(*M. s-coelata*) -
- OBTUSA, Pant.2p.41-7f14; Det.S.p.319; }-(*m. elliptica*.)--  
\* v.fluvialis, Brun.-Atlas 183f13;
- OCULIFORMIS, Brun.-Atlas 187f39;
- OVALIS, A.S., Atlas 185f30; -(*m. ovata*.) -
- OVALA, Grun.1860p.573-5f12; R.E.D.p.262; Cl.1830p.17-1f12; Vega p.  
460; V.H.S.pl.28f5; Brun & T.p.72; Villef.p.44: Det.Syll.p.318;  
Malaisie; *Cl. Nav. 2p.156*: (*m. ovalis*? - (Orthoneis.)----
- PARADOXA, Grun.-Cl. & M.153?? Det.Syll.p.325; *Cl. Nav. 2p.154*:
- PANDURIFORMIS, Cleve.-N.L.K.D.p.4-1f1: (Dictyoneis p.)
- PORTIERANA, Grun.1863p.157-13f3; R.E.D.p.263; O'M.I.D.p.326-29f11:  
Det.S.p.218; *Cl. Nav. 2p.153*: *Per. Villef. p.44-3523*
- PERAGALLI, Cl.-Led.No.11p.160-23f7; Atlas 186f39; *Cl. Nav. 2p.157*:
- PERACUTA, Jan.-Atlas 187f37; *Cl. Nav. 2p.162*:
- PETHOI, Pant.3p.7-37f519: (*m. mightii*, v.?)
- PISCICULUS, Cl.-Led.No.15p.55-3f2; *Cl. Nav. 2p.157*:
- PUSILLA, Grun.1873p.14-3f10; J.R.H.S.1879p.673; Atlas 185f34,35;  
(M.Smithii, v.) *Cl. Nav. 2p.158-2f8*; *Cl. v.m. 1876*:
- QUINQUECOSTATA, Grun.1860p.573-5f3; 1863p.16; R.E.D.p.262; Cl.Vega p.  
494; Perag.p.61; Villef.p.44-3f21; Malaisie; Det.S.p.323; Atlas 187f1:  
\* var., A.S., Atlas 186f17,18:  
\* var., Hantzsch 1863p.20-6a,f6: (M.5-cost.)----
- \* v.Neapolitana, Brun.-Atlas 186f10:
- RADIANS, A.S., Atlas 188f23; *Cl. Nav. 2p.162*:
- REMOTA, A.S., Atlas 188f29; *Cl. Nav. 2p.162*:
- RETICULATA, Grun.-M.M.J.1877p.195f4; J.Q.C.1836p.322; Villef.p.  
44-2f10: (Dictyoneis Jamaicensis & marginata.)----
- \* v.Japonica, Brun & T.p.72:-(Dict.marg.var.Janischii.)
- RHOMBICA, Cl.Vega p.494-35f9; Malaisie; Det.Syll.p.320; *Cl. Nav. 2p.155*:
- RHOMBUS, Petit.-Led.Vol.2p.53-9f12; Atlas 187f33-35; Malaisie; -(Nav.)
- ROSELLATA, Grun.-M.M.J.1877p.174-195f2; Det.S.p.313:-(M.Jelinczekii, v.)
- RIMOSA, Cl.-Led.No.13p.15-1f15; Atlas 186f25; *Cl. Nav. 2p.155*:

Smithii, Thw. (M. lance., var.; & Grun.: M. lance. v. hungarica) Carp. 1891, f. 416:

" v. amphicephala, Gr. ? - Cl. & M. #161 sub; Atlas 1855 f. 13, 14;  
(M. Smithii, β.; M. cap. :-)

+ " v. lanceolata, Gr. ? - Cl. & M. #161 :- (M. Sm., & Pant.)

Wrightii, O'M. - Cl. & M. 2p. 148 :- (Orthoneis:)

- RUGOSA, Brun. & Temp. p. 39-9f40; (Dict. p. 118 1.)
- SANSIBARICA, A.S., Atlas I87f44;
- SERIATA, Cl. & Gr. - LeD. Vol. 21. 33-1016; (M. seriat.)
- SEYCHELLENSIS, Grun. - J.R.M.S. I379p. 373; Det. Syll. p. 314;
- SINUATA, A.S., Atlas I36fII;
- SMITHII, Thw. - S.B.D. 2p. 35-54f341; Grun. I360p. 573-5fII; I373p. 13; Prit. p. 925; Schum. I364p. 23; Bleisch, I363; Carr. p. II4; R. Alp. p. No. 953 216; Hull.: R.E.D. p. 261; Cl. I333p. 230; I39Ip. 50; Cl. & M. 36; N. & R.S. p. 71; Girard Foss. p. 13-3f10; O'M.I.D. p. 327-29f12; Brun Alp. p. 92-3f23; Sm. Sp. 1.215; Gallik, Papan; J.R.M.S. I379p. 373; Det. liste p. 21; Tatarak I379p. 39, fI3b; Carr. I33Ip. 359, fI39; V.H.S. p. 70-4fI3; T.No. 43; Lake Michigan; Malaisie; Delogne; Bellec, Luchon p. 49fI3; Perag. p. 10; Det. Syll. p. 313; Woll. pl. 30f21-23; Pant. 3p. 1-37f520; Terib. p. 30; Atlas I35f9, 10, 20, 21, 23; Cl. Nav. 2p. 152; (M. elliptica; -Nav. 10. scalaris.)
- vars., A.S., Atlas I35fI7, I3; I36f34, 35; I37f31;
- v. *abnormis*, Grun. I373p. 14; Det. Syll. p. 314; (M. abn.)
- v. *amphicephala*, Grun. - V.H.S. pl. 4f27; Lake Michigan; Malaisie; (M. amp.)
- v. *capitata*, S.B.D. 2p. 35-54f341b; O'M.I.D. p. 327; (M. cap.)
- v. *Doljensis*, Pant. - De Toni, Syll. p. 314; (M. Dol.)
- v. *Grevillei*, Brun Alp. p. 92; (M. Grev.) ---
- v. *intermedia*, Grun. I373p. 13; Det. S. p. 314; (M. int.)
- v. *lacustris*, Grun. - V.H.S. p. 70; Lake Michigan; Det. Syll. p. 314; Atlas I35f31; Cl. Nav. 2p. 152; (M. lac.)
- v. *lanceolata*, Brun Alp. p. 92-3f29; Bellec, Luchon; Cl. Nav. 2p. 152;
- v. *pusilla*, Grun. - Det. Syll. p. 314; (M. pus.) --
- SPLENDIDA, Greg. - Perag. Villef. p. 43; Cl. Nav. 2p. 143; (Orthonis.)
- SQUAMOSA, Brun. - Atlas I38fI9, 318; (M. affirmata.)
- SUBMARGINATA, Grun. & Cl. - N.L.V.D. p. 14-1f2; Woll. pl. I07fII; Det. S. p. 324; Cl. Nav. 2p. 160;
- SUBORBICULARIS, Fortk. - Ann. Bot. Brit. I392p. 19-2f3;
- SULCATA, Cl. - LeD. No. IIp. I62-23fI3, I4; Atlas I37f51; Cl. Nav. 2p. 152;
- SZONTAGHII, Pant. 2p. 41-29f413; Det. S. p. 322; Atlas I37f12; Cl. Nav. 2p. 152;
- TAENIATA, Rabh. E.D. p. 263; (Pinnularia t.)
- TEMPEREI, Cl. - LeD. Vol. Ip. 23-3f3; Det. S. p. 323; Cl. Nav. 2p. 160;
- THAITIANA, Castr. I337p. 22-26fII; Det. S. p. 320; (M. thait.)
- TRIVOLVA, Brun. - Atlas: - (M. decussata.) ---
- TUMESCENS, Brun. - Atlas I37f20; Cl. Nav. 2p. 162;
- UNDULATA, Grun. I360p. 573-1f5; 5f5; M.M.J. I377p. I73-195f5; Malaisie; Cl. Vega p. 494; Villef. p. 44-3f24; Cl. Nav. 2p. 155; (M. meleagris, v.) --

## MASTOGONIA. ---- (Ehrh., 1844.)

- p., E., Mik. pl. 38B-22f6; -, Weisse I354p. 247, f"x";
- ACTINOCYCLUS, E. - Abh. Ber. I355p. 302;
- ACTINOPTYCHUS, E. - Abh. 3. I344p. 269; Mg. pls. I3fI09a, b; I9fI3; 33-1016; K.S.A. p. 25; Prit. p. 314-5f59; M.O. pl. 43f23b; Schum. I367p. 61; T.M.S. I363p. 2-1f4; Atlantic City; Det. S. p. I013; - (Pyxidicula; - Stephanodonta)
- CRUX, E. - Abh. 3. I344p. 269; Mg. pl. 33-13f3; K.S.A. p. 25; Prit. p. 313; M.O. pl. 43f23a; V.H.S. pl. 33(3)fI; Witt I335p. 29; Pant. 2p. 73; Woll. pl. 59fI; Det. Syll. p. I013;

+ aequalis

DISCIPLEA, E. - Abh. B. 1345p. 155; K.S.A.p. 25; Prit.p. 314; Del. S.p. 1013;  
 HEPTAGONA, E. - A. Ber. 1344p. 239; A.S.S. 1347p. 323-4f12; K.S.A.p. 25;  
 Prit.p. 314; Woll. pl. 59f9; Del. Syll.p. 1014;  
 HEXAGONA, E. - Abh. Ber. 1345p. 155; M.D. pl. 43f25;  
 OCULUS-CHAMELEONTIS, E. - Abh. B. 1344p. 239; K.S.A.p. 25; Prit.p. 314;  
 Del. S.p. 1013; (Pyxidicula.) -  
 PRAETEXTA, E. - Mik. pl. 11115; M.D. pl. 43f24;  
 QUINARIA, E. - A. Ber. 1344p. 239; K.S.A.p. 25; Prit.p. 314; Del. S.p. 1013;  
 ROTTA, E. - Abh. Ber. 1344p. 239; K.S.A.p. 25; Prit.p. 314; Del. S.p. 1013;  
 (M. crux, var.) - RUTILALS, Brun. - Le D. 2, No. 22p. 240-22f11/12;  
 SEXANGULA, E. - Abh. B. 1344p. 239; Mik. pl. 33-17f12; K.S.A.p. 25; Prit.p. 314; M.D. pl. 43f25; Woll. pl. 62f13; Del. S.p. 1013;  
 SIMBIRSKIANA, Pant. 2p. 75-29f314, 315; Del. Syll.p. 1014;

MASTONEIS. ----- (Cleve, 1870) ~  
 BIFORMIS, Grun. - Cleve Navic.p. 194: - (Stauroneis Australis & b.) ---

MELONAVICULA. -- ( ? 1890 ) ~  
 Vide J.R.M.S. 1390p. 78: -- Possesses Priority over  
 the Genus "Raphidodiscus" of Christian, and is identical. --

MELOSIRA. ----- (Agardh, 1890) ~, Fries 1825p. 354:  
 -, Meneg. A.N.D.p. 339; -, Greg. D.C.p. 27-2f44;  
 -, Pfitzer p. 123; -, Tanarek 1379p. 57;  
 -, B.S.B. 1335p. 153-1f6; -, Ann. S. Belg. 1333pl. 4f2d, e;  
 -, Pant. 3p. -27f394; -, Atlas pl. 175f5, 15, 17, 25;  
 -, Atlas 176f53, 53, 59; -, 177f11, 51-53;  
 -, Atlas 178f34, 47-51, 53, 59; -, Atlas 179f1;  
 -, Atlas 130f41-44; -, Atlas 131f55, 30, 32, 33, 35-37;  
 -, Atlas 132f6-3, 23, 25, 35, 40, 41, 47; -, Atlas 133f1, 12;  
 AEQUALIS, Ag. Cons.p. 64; K.Syn.p. 30; Linnea 1330p. ; R.S. p. 13-2f10; R.E.D.p. 40: (M. varians.) ---  
 AMERICANA, K.B.p. 55-30f69; K.S.A.p. 30; A.M.N. 1343p. 13; Prit.p. 320; R.S. p. 14-2f11; R.E.D.p. 44; Woll. pl. 57f10: (Orthosira.)  
 ANASTOMOSANS, Grun. - V.H.S. pl. 90f4; Del. Syll.p. 1342;  
 ANGULATA, Rabh. E.D.p. 40; Fortm. Cey.p. 72; Malaisie;  
 (Coseinodiscus decipiens & minor; -Orthosira.) ---  
 ARCHITECTURALIS, Brun. - Atlas 177f45-50; Del. S.p. 1343;  
 ARCTICA, Dickie. - Prit.p. 319; R.E.D.p. 44;  
 (Gaillonella; -M. hyperborea & nummuloides, var.) ---  
 ARCTICA, E. - Abh. Ber. 1353p. 523;  
 ARCUATA, Pant. 3p. -9f157; Del. S.p. 1347;  
 ARENARIA, Moore. - A.M.N. 1343p. 349-9f14; K.S. p. 30-2f127; K.S.A.p. 25; R.S. p. 14-2f5; Mull; Desmaz. I, No. 811; 2, No. 11; Prit.p. 319-3f17; R.D. Ex. No. 39; R.E.D.p. 42; R. Alg. Eur. Nos. 421, 726; Neupauer pl. 31f37; Weisse 1334p. 632-4f2; Schum. H. 1.p. 31; Girard Boss. p. 9-1f7; Italy; Nylander; Pet. liste p. 26; M.T.P. 3-6-5; Brun Alp. p. 136-1f2; Dannf. p. 49; Sm. Sp. 1. 213; V.H.S. pl. 90f1-3; T. No. 463; Botan. Cbl't. 1333p. 194; Bot. Deutsch. Gesells. 1335p. 35pl. : Prings. Jahrb. 1333pp. 231-290, pl. 14 to 13; -----



- J.R.M.S. I835p.497; Hoffmann, Marburg; Delogne; Perag. p.77: wolle pls. 58f5-7; II2f2; Cl. I89Ip.33; Herib. p. I83; DeT. S. p. I333; Atlas pl. I79f I5-20; *Ardissona* I863p.396: (*Cyclotella* *rotula*; -*M. arenosa*; -*Orthosira* -*Gaillonella* a., *biseriata*, *undulata*, *varians*, *vermicularis*.)---  
 v. *granulata*, Gutw. Mater. Fl. Galiciei I890p.33-1132; DeT. S. p. I339;  
 v. *Hungarica*, Pant. 2p.77; 3p. -40f555; 39f543; DeT. S. p. I339;  
 ARENOSA, Hass. Alg. p.393-93f2,3; (M. & *Orthosira arenaria*).  
 ?  
 ASIATICA, Brun.-Atlas I79f6; DeT. S. p. I347;  
 ARUNDINACEA, Castr. in litt., I893; DeT. Syll. p. I346;  
 BAILEYI, H.L.Sm.-Atlas I82f53; (Cestodiscus.)-  
 BIHARENSIS, Pant. Ip. -I5f I30; Notar. I833p.536; DeT. S. p. I343;  
 BINDERIANA, K.S.A. 55-24; R.S.C. p. I4-2f I2; R. Alg. n. No. 324; R.E.D. p. 42; Hoffmann, Marburg; Ebert, Cassel;  
 (*M. Italica* & *crenulata*, var.)-  
 BISERIATA, E.-Grun., Atlas I80f22; Carp. I33Ip.333, fI92 sub; Mik. pl. 33-12f I3; DeT. S. p. I347; (Gaill.)---  
 BITUMINOSA, Pant. 2p.77-7f I30; I2f2 I3; DeT. S. p. I344;  
 v. *dilatata*, Pant. 2p.77-9f I53; I3f272; DeT. S. p. I344;  
 v. *interrupta*, Pant. 2p.77-3f I4I; DeT. Syll. p. I344;  
 BORRERI, Grev.-Hooker's Brit. Fl. Vol. 5p.40I; Wyatt Alg. Dann. No. 232; A. M.N.H. I843p.348-9f2; I348p.348-II f "C": Harv. Manual p. I93: S.B.D. 21.33-50f330; Front.; Heib. p.23; M. & R.S. p.7I; Hull; Italy; O.M.I.C. 1.246-26f I; Castr. Milan I873p. I7; Dannf. 1.43; Grun. I873p.3I-4f I4; I334p.43; J.R.M.S. I873p.336; M.T.P. 3-3-3; V.H.S. p. I93-35f5-7; T.453; Perag. p. 77; Villef. p.79; J.Q.C. I835p. I74; I337p.33; Cl. Vega 1.490; I39Ip.33; Wolle pl. 58f3-II; Herib. p. I84; Atlas I82f34; (Mel. & Gaill. *moniliformis*; Frag. & Gaill. *lineata*; -*M. Bottnica* & *nummuloides*.)-  
 forma *applanata*, A.S., Atlas I82f33;  
 var., H.L.Sm. Sp. T. No. 677;  
 v. *Bottnica*, Dannf.-Cl. I39Ip.33: -(M. Bott.; -*Lysig. moniliforme*, v.)-  
 v. *hispida*, Castr. A.N.L., I879; Cl. Nares; V.H.S. pl. 35f3; (*Lysigonium moniliforme*, var.)---  
 v. *ignimontana*, Brun & H.-Herob. p. I34-2f I;  
 v. *moniliformis*, Grun. I873p.3I;  
 v. *octagona*, Grun. I873p.3I-4f I2; Cl. I39Ip.33: -(*Podosira constricta*.)-  
 v. *subglobosa*, Grun. I873p.3I-4f I3; Malaisie;  
 BOTTNICA, Grun.-Cl. & M. No. 237; Dannf. p.43; (M. Borreri, v.)--  
 CALIFORNICA, Ralfs.-Prit. p.3I9; R.E.D. p.44; Sm. Sp. T. No. 213; Amazon: E., Abh. F. I852p.534; DeT. Syll. p. I343; (Gaillonella.)-  
 CALLIGERA, E.-K.S.A. p.3I; Prit. p.3I9; DeT. S. p. I345; (Gaill.)--  
 BOULAYANA, Perag.-Herib. pp. I39, 229;  
 BRUNII, Perag. & H.-Herib. p. I33-5f3-I0;  
 CAMPYLOSIRA, E.-Ralfs, Prit. p.3I9; R.E.D. p.44;  
 DeT. S. p. I343; (Gaill.)---  
 CANALIFERA, Brun & H.-Herib. p.224-6f I5;  
 CAPUT-MEDUSAE, Pant. I. 45-I7f I3I; Notar. I833p.536; Pant. 2, p.77;  
 DeT. S. p. I343;

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- CARCONENSIS, Grun.-V.H.S.pl.87f27: (M.granulata,v.)-  
 CINCTA, Pant.Ip.46-30f306; 2,p.77; Notar.I883p.536; Det.S.p.I343;  
 CIRCULARIS, E.-Ralfs, Prit.p.821: (Gaill.)--  
 ? CLAVIGERA, Grun.-V.H.S.pl.9If1,2; J.Q.C.I885p.I74; I887p.66: Wolle  
 pl.58f16; Pant.2,p.77; Det.S.p.I342; Atlas I75f21-24; I79f22; 2  
 CLYPEUS, Brun & Temp.p.40-5f14; Atlas I79f2,3; Det.Syll.p.I333;  
 COARCTATA, E.-Amer.pl.3-5f9; Prit.p.818-IIIf20,27; R.E.D.p.44; DeToni,  
 S.p.I348: (Gaill.; -M.Italica.)  
 CONCATENATA, Rabh.E.D.p.38; Italy; Det.S.p.I349: (M.salina,var.)--  
 CONCINNA, Castr.Intrasc.I865p.I6, No.I02; Hedw.Vol.5p.III; Italy;  
 Det.Syll.p.I333;  
 CORNUTA, Br. & Temp.p.40-7f18; Det.Syll.p.I343;  
 CORONATA, K.S.A.p.31; Prit.p.820; R.E.D.p.44; (Gaill.)--  
 COSTATA, Grev.-T.M.S.I866p.77-8f3-6; Sm.Sp.T.No.219; Reinhard;  
 Atlas I80f35-37: (Skeletonema.)----  
 ' var. Castr.I887p.93-23f5;  
 CRENULATA, K.S.p.55-268; R.S.D.p.I4-2f3; Marissal; Italy; R.E.D.p.41;  
 Bleisch, I863; Weisse I864p.660-4f5; Neupauer p.I39-If8; Dannf.p.49:  
 M.T.P.3-3-12; Sm.Sp.T.220; Pet.liste p.23; Cl. & M.219; I89Ip.66: V.  
 H.S.p.I99-88f3-5; Kinnord; Lake Michigan; Grun.I884p.49; V.H.T.No.  
 464; Hoffmann, Marburg; Wolle pl.57f16, I7; Spamer, Duren; Malaisie;  
 Herib.p.I86; Atlas I8If4-II, 23, 43, 44, 81; Det.Syll.p.I334;  
 (Aulacosira; -Gailonella c. & Italica; -M.Italica, var.; -M. & Orthosira  
 orichalcea.)--  
 ' var., Cleve.-Atlas I8If2;  
 ' v.ambigua, Grun.-V.H.S.pl.88f12-15; Grun.I884p.49-5f45; Malaisie;  
 Cl.I89Ip.66; Herib.p.I87; Pant.3p. -24f352; Atlas I8If12-15;  
 Det.Syll.p.I335; a. cl. 1895 p. 38: 985/6:  
 ' v.Binderiana, K.-V.H.S.p.200; Det.S.p.I335: (Mel.Bind.)---  
 ' v.debilis, Pant.3p. -22f328; Det.S.p.I336:  
 ' v.fossilis, Pant.2p.77-I3f227; Det.S.p.I336;  
 ' v.hungarica, Pant.3p. -7f115; Det.S.p.I336;  
 ' v.Italica, K.-V.H.S.pl.88f7; Det.S.p.I335; -Carr, Cont.: (Mel.It.)---  
 ' v.Javanica, Grun.-V.H.S.pl.88f6; Malaisie; Det.S.p.I335;  
 ' v.laevis, E.-Grun., Det.Syll.p.I335: (Mel. & Gaill. 1.)  
 ' v.lineolata, K.-Grun.I884p.49-5f46; Cl.I89Ip.66; Atlas I8If1;  
 Det.S.p.I335; (Mel.lineol.)--  
 ' v.Mocsarensis, Pant.3p. -24f360:  
 ' v.Pantocsekii, DeToni, Syll.p.I336: (M.cren.v.ambigua, Pant.)-  
 ' v.tenuis, K.-V.H.S.p.200; Grun.I884p.49-5f38; V.H.T.sub No.464; Cl.  
 I89Ip.66; Wolle pl.57f19, 20; Atlas I8If29-31, 33, 56; Det.Syll.p.  
 I335: (Mel.t.)--  
 ' v.semilaevis, Grun.-Det.Syll.p.I335: V.H.S. 88 f 18: (Mel.sem.)  
 ' v.Jeremiae, Grun.-Det.Syll.p.I335: (Mel.Jer.)-  
 ' v.tenuissima, Grun.-Det.S.p.I335: (M.ten.)  
 ' v.undulata, Perag. & H.-Herib.p.I87-5f15:  
 ' v.valida, Grun.-V.H.S.pl.88f3; Atlas pl.I8If32; Herib.p.I87:  
 Det.S.p.I335;  
 CRIBROSA, K.S. -A.M.N.H.I857p.II-2f15: (Coscinodiscus concavus.)

+ Dickiei, Thw. -

7 " forma Chilensis, Gn. - U.H.S. pl. 90 f 13, 14: (Gail.) -

+ distans, E. -

+ " v. scalaris, U.H.S. pl. 86 f 3066, 31; Wollé pl. 57 f 23-25, 28:

CRISTATA, Pant.2p.77-IIIf135; DeT.Syll.p.I344:

CYCOLA,

Thum's Catalog,

CRUCICULA, Grun.-DeT.Syll.p.I345:

(Orthosira.)---

CURVATULA, Jan.-Atlas I79f24; DeT.Syll.p.I347;

CROTOMENSIS, Bailey.-Sm.Sp.T.No.373: Wolle pl.57f6:

(Gaill.c.)-

DAVIDSONII, A.S., Atlas I3If33-90:

DECIPIENS, Grove.-Atlas I3If24-28:

DECUSSATA, E.-K.B.p.56-3f7(I-3,5); K.S.A.p.30; Prit.p.320; R.E.D.p.

43; Sm.Sp.T.22I; DeT.S.p.I344:

(Gail.d. & granulata.)

▪ v.ordinata, K.B.p.56-3f7(4); K.S.A.p.30; (Gail.granulata, Marchica.)-

▪ v.maxima, Rabh.E.D.p.43:

+ DICKIEII, Thw.-K.S.A.p.339: Prit.p.320-I5f29a-d; R.E.D.p.43; Sm.Sp.T.

No.222; V.H.S.p.200-90f 10,12,15/6;-T.No.439; Pant.2p.77-I4f243,244:

23f340,342; Herib.p.I33; DeT.S.p.I340;

(Orthosira.)---

▪ v.fossilis, Pant.2p.77-3fI46; DeT.S.p.I340;

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(Gail. & M.nummuloides, *Wille*.)

DISTANS, E.-K.B.p.54-2fI2; K.S.A.p.29; R.S.D.p.I3-2f9; Braemar; S.B.D.

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Prit.p.3I3; R.D.Ex.No.4I; R.Alg.E.No.II65; Carr.p.92; Schum.H.T.p.

3I; Nylander, W.: R.E.D.p.4I; O'M.I.D.p.247-26f3; Petit & Leud.; Sm.

Sp.T.223; Italy; M.T.P.4-3-I7; Lagr.I373p.I4; Brun Alp.p.I35-IIf3; Cl.

& M.No.56; I38Ip.7; I39Ip.66; Neupauer p.I39-2f39; Hoffmann, Marburg;

V.H.S.p.I99-36f2I-23; T.46I; Wolle pl.57f30-32,36; Malaisie; Herib.

p.I35; Atlas I3If64,65; I32f4,5; DeT.S.I.I333; *Wille 1896*

(Gaillonella.)

▪ vars., H.V.H.S.pl.36fI7-20:

A.S., Atlas I32fI4;

▪ v.alpigena, Grun.-V.H.S.pl.36f28,29,30a; Malaisie; Herib.p.I35;

▪ v.laevisissima, Grun.-Atlas I32fI3; DeT.S.p.I333:

(Mel.I.)

▪ v.nivalis, W.S.-H.V.H.S.p.I99; Brun Alp.p.I35-IIf4; V.H.Type 462;

DeT.S.p.I333; Malaisie; -(Cosc.minor; -M.nivalis; -

(Orthosira.)--

▪ v.scalar, E.-DeT.Syll.p.I333;

(M.scalar.)

▪ v.scalar, Grun.-Atlas I3If54-4I; DeT.S.p.I333:

(M.scalar.)--

DOZYANA, VandenBosch, in K.S.A.p.29; Prit.p.32I; DeT.S.p.I345;

DUBIA, K.B.p.53-3f6; K.S.A.p.28; Prit.p.3I7; R.E.D.p.39;

Atlas I77f59:

(Podosira.)---

DUPLICATA, A.S., Atlas I32f52;

EXCENTRICA, Pant.3p. -3f90; DeT.S.p.I347;

EXPECTATA, A.S., Atlas I77f54-58; DeT.S.p.I346;

FAUSTIA, A.S., Atlas I77f3-I0; DeT.Syll.p.I346;

FEROX, A.S., Atlas I30f23; DeT.Syll.p.I347;

FRAGILIS, K.-Linnea I333p.72:

(Conferva.)----

FRANKLINI, E.-Cl.I363p.2I3; DeT.S.p.I349:

(Craspedodiscus; -Hyalodiscus F. & subtilis; -Pyxidicula Adriatica.)----

FUNGIFORMIS, Pant.3p. -I9f275; DeT.S.p.I347;

GALLICA, Ralfs, Prit.p.32I; DeT.S.p.I348:

(Gail.)-

GARGANICA, Rabh.S.D.I.I4-2f3; Prit.p.32I; R.E.D.p.44; Italy;

DeT.Syll.p.I345;

+ granulata, E. -

" v. Australiensis, H.V.H. - 87f14: - (tail.)

" var. " varprocera, H.V.H.S. pl. 87f15:

" v. Jeremiae, Jr. - H.V.H.S. pl. 88f17:

" var. Jonensis

" forma curvata, H.V.H.S. pl. 87f24:

" forma procera, H.V.H.S. pl. 87f23:

GELIDA, Cleve Vega p.490-33f83;

GLOBIFERA, Harvey Man.p.196; A.N.A.1843p.349-9f3; K.B.1.56;

(Rosaria; -Podosira Montagnei.)----

GLOMUS, Castr.1887p.95-2If10; Notar.1889p.759; Det.S.p.1336;

v.major, Castr.1887p.95-2If11; 23f4:

GOWENII, A.S., Atlas 176f4-6;

(M.undulata.)--

GRANDIS, Perty Kl.Leb.p.200-17f4;

(Cymatopleura elliptica.)

GRANULATA, E.-Ralfs, Prit.p.320; Schur.H.T.p.31; 1869p.35; Beitrage

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49-5f42; Brun Alp.p.137-9f25; Italy; Sm.Sp.1.224; Carp.1881p.353,f

192 sub; V.H.S.p.200-37f9-12; T.No.463; Pant.Ip. -22f202; 31Z.-7f

106; B.J.N.H.1861p.332-1f7; Cl.1891p.66; Wille pl.57f7-9, 21, 22, 33;

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73-7f121; Det.Syll.p.1334;

(Gail. g., Marchica, procera, tenerrima; -M.Carconensis, crenulata, ordinata & spiralis.)---

var.s., H.V.H.S.pl.87f7,8:

var.'b'maxima, E.-Abh.Ber.1853p.527; R.E.D.p.43; Italy:

v.attenuata, Pant.3p.23f414; -Det.S.p.1334;

+ v.Australiensis, H.V.H.S.pl.87f13, 416; Det.S.p.1334;

v.borealis, Pant.3p.2.-7f109; Det.S.p.1334;

v.Boryana, Pant.3p.2.-1f6; Det.Syll.p.1334;

v.bambusina, Petit.-Jour.de Mic.1890,f2; Det.Syll.p.1334;

v.curvata, Grun.-V.H.S.pl.200-37f18; Det.S.p.1334;

v.decussata, V.H.S.pl.87f17; -(M.gran.?)-

v.hungarica, Pant.3p.2.-13f272; Det.S.p.1334;

v.Jonensis, Grun.-V.H.S.pl.87f25, 26; Det.S.p.1334;

v.Carconensis, Grun.-Det.Syll.p.1334:

(Mel.Carco)

v.procera, H.V.H.S.pl.87f9; +

(Mel.proc)---

v.spiralis, Pant.Ip. -11f96; Det.S.p.1334:

(Gail. & M.sp.)-

GROVEI, A.S., Atlas 130f40; Det.Syll.p.1347;

HALOPHILA, Ralfs, Prit.p.321; Det.S.p.1343:

(Gail.)---

HARADAAE, Pant.3p. -3f124; Det.S.p.1347:

HERIBAUDI, Brun.-Herib.p.190-2f9; Atlas 132f22, 23;

HETRURICA, K.B.p.55-2f6(0); K.S.A.p.29; Prit.p.320; Det.S.p.1345;

HEUFLERI, Meneg.-K.B.1.44;

(Diatoma & Oontidium hyemale.)----

HISPIDA, Perag.Villef.1.79-2f16; Atlas 132f54, 55; Det.S.p.1339;

HOKKAIDOANA, Pant.3p. -3f136; 3f91; Det.S.p.1349;

HORMOIDES, Montagne, Flora Bolivia p.2; Heib.1.29; Cl.1863p.213;

Flögel, Baltic: Lagr.1873p.9:

(Podosira h. & nannuloides.)--

HOROLOGIUM, Ralfs, Prit.p.319-5f2; Wille pl.63f20, 21; Det.Syll.p.

1343:

(Gail.: -Sphaerotermin.)-

HUNGARICA, A.S., Atlas 179f9-12; Det.S.p.1347;

HUNGARICA, Pant.3p.2.-11f179; Det.Syll.p.1347;

HYALINA, Synp.Okrzeński Okolik Poznań, 1860p.540-1f6; Det.S.p.1337;

HYALINULA, Castr.1887p.94-2If1; Det.S.p.1336;

HYPERBOREA, Grun.-Cl. & M.No.283; V.H.S.pl.35f3, 4; Atlas 132f24:

(M.arctica; -M.nannuloides, v.)

+ lineata, (Conf. lin. Sill.:-

- INTERJECTA, Jan.-Atlas I76fI-3; DeT.Syll.p.I342: (Orthosira)  
 IRREGULARIS, Pant.2p.73-27f394; DeT.S.p.I343: (Valve corrugata.)---  
 ITALICA, K.B.p.55-2f3; K.S.A.p.29; Prit.p.3I3-IIf29; I5f33;  
 Carp.I33Ip.333, fI39; Nylander, w.: Atlas I3If3; ~~Carp. I39Ip.333~~  
 (Gail.crenata, Crotonensis & l.: -M.coarctata.)---  
 var."b" crenulata, K.B.p.55-2f3; K.S.A.p.30; Nylander, w.:  
 (Gail. & M.cren.: -M.orichalcea.)  
 var."p" Binderiana, K.B.p.55-2fI; K.S.A.p.30; Prit.p.3I3: -(Mel.B.)---  
 v.orichalcea, Mertens.-Nylander, w., Fenniae.-(Gail. & M.orich.)  
 JAPONICA, Pant.3p. -4f63; 3fI37; DeT.S.p.I347;  
 JURGENSII, Ag.Syst.p.9; K.B.p.54-2fI5; K.S.A.p.29; R.S.D.p.I3-2f7; R.  
 D.Ex.No.40; Prit.p.3I7-5f63; R.E.D.p.40; Italy; M.T.P.3-3-I3; Eiben,  
 I37I; Dippel p.2: Sm.Sp.T.225; Dannf.p.49; V.H.S.p.I99-33f5-3; T.No.  
 430; Perag.p.77; Villef.p.79; Cl.I39Ip.33; Atlas I32fI5, I3, 27-3I;  
 (Conferva & Gail.lineata; -Lysigonium; -M.subflexilis.)-  
 v.subangularis, Grun.-V.H.S.pl.33f9; T.No.444 sub(Lysig.Jurg., v.)  
 var., H.V.H.S.pl.36fI-4: (Lysig.Jurg., v.)-  
 JUTLANDICA, Grun.-(In V.H.S.: -Est Omphalotheca.)--  
 KINKERI, Pant.3p. -4If532;  
 KOCHII, Pant.3p. -20f292; DeT.S.p.I343: (M.sol.)---  
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 LACUSTRIS, H.H.Chase.-Lake Michigan list; DeT.S.p.I343;  
 LAEVIS, Ralfs.-Prit.p.3I3; R.E.D.p.44; E., Abh.Ber.I37OpI.2-If70; V.H.  
 S.pl.33fI9; Wille pl.57fI3; Pant.2p.73: (Gail.: -M.crenulata, v.)--  
 Pant.3p. -7fII7; Herib.p.I37; DeT.Syll.p.I343;  
 LAEVISSIMA, Grun.-V.H.S.pl.33f24; Atlas I32fIO-I2: (M.distant, v.)-  
 LAMINARIS, Ralfs.-Prit.p.32I; DeT.S.p.I343: (Gail.)--  
 LENTIGERA, Harvey Man.p.I96: K.B.p.56: -(Lysig.moniliforme; -Rosaria.)--  
 LINEATA, Ag.Syst.p.3; Hook.Brit.Fl.p.402; K.B.p.53-2fI3; 3fI; K.S.A.  
 p.23; Kickx, J.: Prit.p.3I7; Hedw.Vol.Ip.I03-I3f4; Carr.p.92; R.E.D.p.  
 39; Sm.Sp.T.226; A.J.M.I373p.I34; -(Conferva; -Fragilaria; -Gaillonella  
 -Lysig. monil. & l.: -M.Borreri; -M. & Rosaria lentigera.)----  
 LINEOLATA, Grun.-V.H.S.pl.33fI, 2; Herib.p.I33: (M.crenulata, v.)----  
 LOCZYII, Pant.2p.73-5f92; DeT.S.p.I343;  
 LYRATA, K.B.p.56; K.S.A.p.3I; Prit.p.32I; V.H.S.pl.37fI, 2; Grun.I334  
 p.49-5f3; Cl.I39Ip.33; Herib.p.I33; Atlas I3If69-74; DeT.S.p.I333;  
 (Gail.: -M.crenulata, v.)-  
 var., Cleve, Atlas I3If79;  
 v.biseriata, Grun.-V.H.S.pl.37f6; DeT.S.p.I334;  
 v.lacustris, Grun.-V.H.S.pl.37f3; Herib.p.I33; DeT.S.p.I334;  
 v. " formae tenuiores, Grun., V.H.S.pl.37f4, 5; DeT.S.p.I334;  
 MACULATA, .-Lagr.I373p.9fI; Fortm.Cey.p.72; (Podosira.)  
 MAJOR, Grove.-Atlas I77fI, 2; DeT.S.p.I346;  
 MADAGASCARENSIS, A.S., Atlas I3If79;  
 MARCHICA, E.-Ralfs, Prit.p.320: Italy: DeT.Syll.p.I343;  
 (M. & Gail.procera & m.)-  
 MARINA, W.S.-Jan.Gu.p.26-Ia, f3, 4; Jan. & R.p.9-4f2; Flogel, Baltic;  
 Fortm.Cey.p.72; Malaisie; Atlas I73f42, 43; (M.sulcata; -Orthosira.)--

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" var., Cl. 1897 p. 24; Cl. 1896 (3) No. 5, f. 16:

+ nummuloides,

" var. hyperborea, Oestrup 1897 p. 346:



- MEDITERRANEA, Grun.-V.H.S.pl.91f3,5; Cl.Nares; Atlas 130f33,39;  
(Skeletonema.)  
" var., Cleve Nares p. :  
MENILITICA, Pant.2p.73-7f126; DeT.S.p.1344: (Coscinod. subtilis, Neup.)  
MESODON, Ralfs in Prit.p.321; DeT.S.p.1343: (Gail.)  
MINUTULA, Chauvin.-Breb.Cons.p.10; Alg.Fal.1.42, pl.5; K.B.p.53; K.S.  
A.p.32; DeT.S.p.1343: (Gloeotila ferruginea.)--  
MIRABILIS, Brun.-Atlas 177f43,44; DeT.Syll.p.1346;  
MONILIFORMIS, A.Syst.p.3; Cons.p.64: Linnea 1333p.64: - K.Syn.  
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p.76-2f1; Kickx, J.: Prit.p.317-5f71; Breb.D.C.; Carr.p.92; Br.Verm.  
p.3; Grun.1333p.23; R.Alg.E.No.1062 sub; R.E.D.p.33; Italy; Eiben,  
1371: O'M.Kerg.; Atlas 132f32; (Conferva inflexa, m. & nummuloid.; -  
Gail., Lysig. & M. lineata, Gail.; -Lysig.; -M. Borreri & nummuloides.)----  
" var. "b" major, K.Syn.p.59; Linnea 1333p.69: > *alg. Cons. p. 65*;  
MONTAGNEI, .-Lagr.1376p.9: (Podosira.)-  
NAGELI, Ralfs.-Ray Soc.Proc.1346p.219; Prit.p.322-15f26,23:-(Gail.)----  
DeT.Syll.p.1343;  
NEOGENA, Pant.3p. -41f559:  
NIVALIS, W.S.-A.M.N.H.1355p.259; S.B.D.2p.53-53f333; Braemar; Italy;  
Prit.p.313; Carr.p.92; Schum.H.1.p.31; Arenig Bach; Nylander, W.: R.  
E.D.p.41; *Oestrup 1897p.346*; Herib.p.135: Atlas 132f3;  
(Coscinodiscus minor; -M. distans, v.)----  
NOBILIS, Grev.-Tr.Bot.Soc.Edinb.Vol.3p.233-3f3; DeT.S.p.1336:  
NORMANNI, Arnott MSS.; V.H.S.pl.90f7: (M. unaulata, v.)--  
NUMMULOIDES, A.Syst.p.3; Cons.p.65; Hook.Brit.Fl.p.401; Linnea 1333  
p.69; K.Syn.p.60-5f72; K.B.p.52-3f3; K.S.A.p.27; A.M.N.H.1343p.343-  
9f1; S.B.D.2p.54-49f329; Italy; Prit.p.316-5f64; IIf14; Carr.p.92; R.  
E.D.p.37; N. & R.S.p.71; Roper, Thames; Hull; M.D.pl.13f5; Eul.Sp.1.53;  
Grun.1333p.27; 1334p.43-5f41; E., Abh.Ber.1370pl.2-1f37; Dippel, 1370p.  
23-2f17a-c; Eiben, 1371; Flogel, Baltic; Reinhard; Lagr.1376p.10; Cl.  
1373p.7; 1391p.66; Cl. & M.55: M.T.P.3-6-9: Sm.Sp.T.227; Malaisie; V.  
H.S.p.193-35f1,2: T.No.457; Wille pl.57f1; Shark River; A.M.M.J.1391  
pl.1f22; Atlas 131f92; 132f1,2; *See 2, No 17p.91 and dissona 1862p.396*;  
(Conferva inflexa & n.; -Conferva, Gail. & M. moniliformis; -Frag.: -  
Gail.: -Lysig.; -M. Arctica, Borreri, discigera, salina.)  
" v. elesuiana, Pant.1p.46-23f209; 2,p.73: Notar.1333p.536:  
(..Var. Biharensis ?)---  
" var. "b" pedunculata, Carr.p.92: (M. salina, K.)--  
" v. hyperborea, Grun.-Cl.Vega p.439; Nares p.313; (M. arctica & h.)----  
OAMARUENSIS, Grove & Start.-J.Q.C.1337p.145-13f43,49; Notar.1333p.  
469; Atlas 175f1-4; 179f7: DeT.S.p.1341;  
OCEANICA, E.-Fortm.Cey.p.72; Malaisie; (Endietya; -Orthosira.)--  
OCHRACEA, .-Ralfs, A.M.N.H.1343p.351; Hass.Alg.p.400; Prit.1.321:  
(Conferva; -Gail.ferruginea; -Oscillatoria ochrea.)  
OCTAGONA, A.S., Atlas 132f19-21;  
OCULUS, E.-Abh.Ber.1344p.202; K.S.A.p.31; Prit.1.319: R.E.D.1.44;  
(Gail.: -M. sol.)---  
OMMA, Cl.-J.Q.C.1335p.174-13f15; Pant.2p.73; Atlas 179f23; DeT.S.1344:

+ Roeschana, a. cl. 1895 p. 38:

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- ORBIFERA, Brun.-Atlas I75f25: DeT.Syll.p.I346;  
 ORDINATA, Mertens.-K.B.p.56-3f7(4); (M.deussata,v.)---  
 ORICHALCEA, Mertens.-K.-Linnea I833p.7I; K.Alp.Dule.No.3: K.Syn.p.30-5f63; K.B.I.54-2fI4; V.S.A.p.29; A.M.N.4.I843p.35I-9f6; Nass.Alp.p.399-93f6,7: R.S.D.p.I3-2f2; Marissal; Prit.p.I3I8-5f65; Neupauer p.-3f63; Schum.H.T.p.3I: Bleisch,I863; New Zealand; Arenig Bach; R.E.D.p.4I,f3; Italy; Eiben,I87I; Pet.liste p.26: Brun Alp.p.I37-If9; 9f24; Sm.Sp.1.228; A.J.M.I873p.I84; Delogne; Lagr.I834p.33; Wille pl.58fI7,I8; Herib.p.I39; Atlas I8If53,54,84; DeT.Syll.p.I342; (Conferva; -Gail.coarctata & o.: -Lysigonium; -Orthosira; -M.Italica,v., & crenulata & Thompsoni.)-  
 \* v.crenulata,K.-Br.Alp.p.I37-If9h; (Aulacosira; -M.Italica,var.)--  
 ORNATA, Grun.-V.H.S.pl.9IfI9-2I: Cl.Vega p.490: Pant.2,p.73: Grun.I834p.43-5f39,40; (Paralia?)  
 \* var., A.S.,Atlas I75fI8-20:  
 PENSACOLAE, A.S.,Atlas I8If73-78:  
 PERAGALLOI, Pant.3p. -36f505; DeT.S.p.I343;  
 PFAFFIANA, Reinsh Alg.Franken p.II-If2; Dew.S.p.I34I;  
 PILEATA,E.-K.S.A.p.3I; Prit.p.8I8; R.E.D.p.44; DeT.Syll.p.I345; (Gail.)-  
 PLANA, K.S.A.p.3I; Prit.p.82I; DeT.S.p.I345; -(Gail.)---  
 POLARIS, Grun.I834p.43-5f53; Atlas I79f3; DeT.S.p.I34I:-(M.sol,v.)  
 PONTIFICALIS, Brun.-Atlas I83fI:  
 PRAECLARA, A.S.,Atlas I79f4,5; DeT.S.p.I347;  
 PUNCTATA, Grun.-Cl.& M.No.220; M.T.P.3-6-IO: Nylander,W.: Dannf.p.47; Atlas I8If59; (Orthosira.)  
 PUNCTIGERA, Ralfs, Prit.p.8I9; (Gail.)  
 RADIATA, Grun.I868p.27; M.T.P.3-6-6: (Cyclotella; -M.sol.)-  
 RECEDENS, A.S.,Atlas I77f62-64; I76f54; DeT.S.p.I346;  
 RHOMBOIDES, Pant.3p7--4If563;  
 ROESEANA, Rabh.S.D.p.I3-IOf5; R.Alg.E.Nos.335,504 sub; Prit.p.8I8-5f67; R.E.D.p.42; Sm.Sp.1.229; Italy; Petit & Lema.; V.H.S.p.I99-39fI-6; T.465; Cl.I89Ip.66; Malaisie; Herib.p.I35: Atlas I76f7-I4; I82f33-33; DeT.Syll.p.I337; -(Gail.laevis; -M.& Orthosira spinosa.)  
 \* var., A.S.,Atlas I82f9;  
 \* v.dendroteres, E.-V.H.S.pl.89fI2,I3: T.466: DeT.S.p.I337: (Liparogyra; -Orth.mirabilis.)-  
 \* v., forma elongata, E.-Grun.,V.H.S.pl.89f9:  
 \* v., " porocyclia, Grun.-V.H.S.pl.89fII:  
 \* v., " spiralis, Grun.-V.H.S.pl.89fIO:  
 \* v.epiderson,E.-V.H.S.pl.89fI7,I8; T.467: DeT.S.p.I338: (Orthosira; -Stephanosira; -Porocyclia dendrophila.)-  
 \* v. " forma porocyclia, Grun.-V.H.S.pl.89fI9,20:  
 \* v.hamauryas, E.-Grun.,V.H.S.pl.89fI4-I6: DeT.S.p.I337: (Liparogyra circularis; -Stephanosira h.)---  
 \* v.spiralis,E.-Grun.,V.H.S.pl.89f7,8: (Liparogyra s.)---  
 SALINA, K.B.I.52-3f4(I-4); K.S.A.p.27; R.S.D.I.I3-2fI; Westendorp,G. No.793: Desmaz.I,No.I06: Breb.D.C.: Prit.p.8I7; Roper,Thames; R.E.D.p.33; R.Bac.Exs.No.I6; R.Alg.E.I65: Eiben,I87I: DeT.S.p.I343; (Gail. & M.nummuloides; -Sphaerophora globifera.)

+ subflexilis, K. - Carp. 1891 p. 523 f. 395a:

- ' var. 'b' concatenata, K.B.p.52-3f5(2,3): 2If5b; K.S.A.p.27; Prit. p. 3I7: (M.nummuloides, v.: -Mel.con.; -Rosaria globifera.)---  
 SAMOENSIS, A.S., Atlas I77f20; Det.Syll.p.I347;  
 SARATOVIANA, Pant.2p.73-27f333; (M.ornata, v.: -Paralia.)  
 SARMATICA, Pant.2p.73-1If13; Det.S.p.I344;  
 SATURNALIS, Br.-Atlas I77f24,25: Det.Syll.p.I347;  
 SCALA, E. Ralfs, Prit.p.32I; V.H.S.pl.36f34,35; Pant.3p.2.---If3;  
 (Gaillonella; -M.distans, v.)--  
 SCALARIS, Grun.-V.H.S.  
 SCULPTA, K.S.A.p.3I; Prit.p.3I9; E., Abh.B.I370pl.2-If7I; Sm.Sp.1.230;  
 A.J.M.I373p.I34; V.H.S.pl.9IfI3, I4; Wille pls.57f34,35; 58f3,4;  
 Malaisie; Atlas I77f60,6I; Det.S.p.I342; (Gail.: -Orthosira.)-----  
 SELECTA, A.S., Atlas I77f40-42; I75fI6; Det.S.p.I346;  
 SETOSA, Grev.-Trans.Bot.Soc.Ed.Vol.3p.436-3fI7-I9; Sm.Sp.1.379: Cl.α  
 M.I75; V.H.S.pl.36fI0-I6; Atlas I32f42-46: (Lysigonium.)---  
 SIBIRICA, A.S., Atlas I77fI2-22; Det.S.p.I347: (M.sulcata, v.)--  
 SOL<sup>4</sup>, K.S.A.p.3I; Prit.p.3I9; R.E.D.p.44; V.H.S.pl.9If7-9; T.No.473;  
 Grun.I384p.45; J.Q.C.I387p.66: Witt I383p.I7-4fI3; Brun & T.p.72;  
 Wille pl.53fI,2; Pant.2,p.73; Atlas I76f57; I79f2I; Det.S.p.I34I;  
 (Cyclot. & M.radiata; -Orthosira; -M.Kochii & polaris; -Gail. & M.ocellus; -  
 Gaillonella.)-  
 ' var., Castr.I387p.93-I0f3; I7f3; 2If7;  
 SOLIDA, Eulenstein MSS.: V.H.S.pl.36f36-39; Atlas I30f50,5I; I3If42;  
 Det.Syll.p.I333;  
 ' v.Haitiensis, Grun.-V.H.S.pl.36f40-42; Det.S.p.I333;  
 SPINOSA, Brun Alp.p.I36-If5; Arenig Bach; Det.S.p.I343:-(<sup>M. Rues.</sup>Orthosira)---  
 SPINOSA, Pant.3p.2.---23f4I3; Det.Syll.p.I343;  
 SPIRALIS, K.S.A.p.3I; Prit.p.320: V.H.S.pl.37fI9-22; Wille pl.  
 57f26,27,29: (Gail.: -M.granulata, v.)  
 STRIATA, Perag. & H.-Herib.p.I90-5fII:  
 SUB<sup>4</sup>LEXILIS, K., Linnea I333p.70; Syn.p.60-5f70: K.B.p.53-2fI3; K.S.A.  
 p.28; K.Alg.No.27; R.S.D.p.I3-2f6; S.B.D.2p.57-5If33I; R.D.Ex.No.42;  
 Prit.p.3I7: Heib.p.28; R.E.D.p.39; New Zealand; Hall: Cl.I368p.2I6;  
 O'M.I.D.p.247-26f2; Pet.liste p.26; Sm.Sp.1.232; Amazon; O'M.Kerg.;  
 Carp.I38Ip.347, fI77; Italy; Lagr.I384p.44: Atlas I32fI7, I8:  
 (Conferva & M.lineata; -Lysig.s. & Jurgensii & moniliforme; -M.varians.)---  
 SUBORNATA, A.S., Atlas I73f50-57; Det.Syll.p.I346;  
 SULCATA, K.B.p.55-2f7; K.S.A.p.30; Breb.D.C.: Prit.p.3I9-9f3I; IIf23;  
 Italy; Roper, Thames; Grun.I368p.23; Jan.Gal.1.26-Ia,f22; R.E.D.p.42;  
 E., Abh.B.I370pl.2-If72; Eiben, I37I; Cl. & M.57; Dannf.p.49; Pet.Cat.  
 p.40; Fortm.Cey.1.72; Sm.Sp.1.233; M.I.P.3-3-7; Shark River; V.H.S.  
 p.20I-9IfI6; T.No.470; Cl.Nares p. : Vega pp.439,502; Perag.p.77;  
 Villef.p.79: Atlantic City; Malaisie; Witt I383p.I9-4fI9,20; Wille  
 pl.53fI2-I5; Atlas I73fI-5,7-24; I33fI0:  
 (Discosira; -Gail.: -Paralia marina & s.: -M.marina; -Orth.marina & s.)---  
 ' v.biseriata, Grun.-V.H.S.pl.9If23,24: Cl.Vega p.469; Malaisie;  
 Villef.p.79;



- \* v. coronata, E.-V.H.S. pl. 9 If I7; I3; <sup>forma minor.</sup> Malaisie; Villef. p. 79: (Mel. cor.)  
 \* v. crenulata, forma Barbadiensis, A.S., Atlas I77f30-39;  
 \* v. " Sibirica, A.S., Atlas I77f23-29:  
 \* v. lucida, Brun & Temp. p. 72;  
 \* v. separanda, A.S., Atlas I73f25-33, 35, 36;  
 \* v. Sibirica, Grun.-V.H.S. pl. 9 If 22; Witt I335p. 23-10f2; Vega p. 439:  
 \* v. strigillata, A.S., Atlas I78f6; I77f65-69;  
 TAENIATA, Ralfs, Prit. p. 32I; Det. Syll. p. I343;  
 TAHITENSIS, Castr. I337p. 94-2If2; Notar. I339p. 759; Det. S. p. I336;  
 TEMPEREI, Pant. 3p. -24f356; Det. S. p. I343;  
 TENUIS, K.B. p. 54-2If2; K.S.A. p. 29; Prit. p. 32I; R. Alg. L. Nos. I104, I250,  
 sub; Neupauer p. I39-If7; R.E.D. p. 43; Herib. p. I33:  
 Italy: (Gaillonella; -M. crenulata, v.)-  
 TENUISSIMA, Grun.-V.H.S. pl. 33fII; Herib. p. I33: (M. cren. var.)  
 TERES, Brun, Atlas pl. I79fI3, I4; Det. S. p. I347;  
 THERMALIS, Meneg. A.N.D. p. 39I: (Odontella polymorpha.)  
 (Biddulphia laevis; -Cerataulus polymorphus & t.: -Pleurosira.)---  
 THOMPSONI, Harv. Man. p. I95; K.B. p. 56; S.B.D. 2p. I04; (M. orichalea.)--  
 THUMII, Pant. 2p. 73-30f42I, 423; Det. S. p. I34I;  
 (Cyclotella Asiatica; -M. ornata.)--  
 TRACHEALIS, Ralfs, Prit. p. 32I; Det. S. p. I343: (Gail.)-  
 TRANSYLVANICA, Pant. 3p. -I4f2I2; Det. Syll. p. I343;  
 TROPICA, Crouan.-Alg. Gaudaloupe p. I; Det. S. p. I426;  
 TRUNCATA, Grove.-Atlas I83f2, 3:  
 \* v. furcata, Grove.-Atlas I83f4;  
 TUBERCULOSA, Cl.-N.L.K.D. p. 2I-5f65: (Lysigonium; -Podosira.)--  
 TYMPANUM, K.S.A. p. 3I; E., Abh. Ber. I344p. 202; Prit. p. 3I9; R.E.D. p.  
 44: Det. S. p. I343; (Gail.)---  
 UNDULATA, K.B. p. 54-2f9; K.S.A. p. 29; Prit. p. 3I9; Cl. & M. 53: I39Ip. 66:  
 V.H.S. pl. 90f3, 9; Woll. pl. II2f4, 5; Pant. 2p. 79; 3p. 2-3f44; 9fI46, I49:  
 Atlas I80fI-7, I4-I7, 2I; I8If45-47, 50-52; I83f5-7; Det. S. p. I339;  
 Muller, Java I390p. 320-I9fI-I3; (Mel.  
 Gownii & Normannii: -M. & Gail. punctigera; -Gail. punctata & d.)---  
 \* var., Grove, Atlas I8If43, 49;  
 \* v. minor, Pant. 2p. 79; 3p. -7fII3; Det. S. p. I340;  
 \* v. Normanni, Arnott.-Atlas I82f5I; Det. S. p. I340: (M. Nor.)---  
 \* v. producta, forma Californica, A.S., Atlas I80fI9:  
 \* v. " forma Hungarica, A.S., Atlas I80f3-I3;  
 \* v. Samoensis, Grun.-V.H.S. pl. 90f5, 6; Det. S. p. I340;  
 VARENNARUM, Perag. & H.-Herib. p. I33-5fI2-I4;  
 VARIANS, Ap. Cons. p. 64: Bot. Zeit. I326p. : Linnaea I333p. 7I; K. Syn. p.  
 60-5f39; K.B. p. 54-2fI0; K.S.A. p. 23; A.M.N.H. I343p. 357-9f5; I343p. 7-  
 IIf "A": Hass. Alg. p. 399-93f4, 5; Prit. I352p. 24f32; R.S.D. p. I3-2f4; R.  
 D. Ex. No. 43; R. Bac. Ex. No. 29; R. Alg. L. Nos. 453, 306; S.B.D. 2p. 57-5fI32;  
 Mull; Westendorp, No. 443; Desmaz. I, Nos. 3I0, 9I2: 2, Nos. I0, 2I2; Marissal  
 Prit. p. 8I7-9fI3I; I5f32; R.E.D. p. 40, f36; M.D. pl. I3f6; Haw. N. 4. pl. 2f  
 I6; Girard Foss. p. I3-3f9; Pfitzer p. I28-6f5, 6; Borsow pl. 2f4; 1316.  
 I. 27; Amazon; Schum. R. T. p. 3I: weisse I364p. 660-4f4; Cl. I363p. 2I3;

Varian, Carp. 1891 p. 523 f 395 b:

+ Circular, A. A. 1895 p 36: Oestrup 1897 p. 387:  
Carp. 1891, f 399: Bell L. p. 57-3 f 4:



Le D. 2, No. 17 p. 84, 90

I38Ip.II; Vega p.492; I39Ip.66; Cl. & M.No.58; New Zealand; Carr.p. 92; Hull; Neupauer p.I37-If6; Q.J.M.S.I372p.3I4; I377p. -I37f29; Tanarek I379p.59f39; Strose Kleiken p.I4-If6; Eichen, I37I; Macdonald pl.IOfII; Prollius p.73, I05-IfI7, I3; K. & Z. p.I4-If3; O'M.I.6.1.247; Petit & Leud.; Class.f29; liste p.26; Sm.Sp.1.234; Brun Alp.p.I34-IfI Dannf.p.49; Delogne; M.T.P.3-6-II; Gallik, Papan; Spamer, Duren; Carl. I38Ip.347fI73; Hallier Unter.p.7, 29-IfI-36; Hoffmann, Marb.; De Toni, Port.; Lake Michigan; Lagr.I384p.35; V. u. S. p.I93-35fI0-I5; T.No.159; Ebert, Cassel; Perag.p.77; Wolle pl.57fII-I5; Herib.p.I34; Atlas pl. I33f9: -(Conferva armillaris, fasciata, hymnalis; -Frag. lineata; -Gail. Marchica & v.; -Lysig.; -Nematolata quadrata; -Vesiculifera composita.)  
" var. "aequalis, K.B.p.54-2fII(I, 2); K.S.A.p.10; Larv.Man.p.205; A.M.N.4. I343p.457-I3fI; Hass. Alp.p.4I3-93fI-6; R.S.D.p.62-IfI; Qickett A.C. pl.I2f2; Braemar; S.B.D.2p.3-32f277; Front.; Marissal; Desraz. I, No. 452; Westendorp No.II00; Prit.p.737-9fI77-I79; M.D.11.I3f7; R.D.Ex. No.45; R.E.D.p.294, f74; Heib.p.36; Gran.I332p.345; Edw.N.1.1.3f32; Schum.H.T.pp.4I, 54; Girard Foss.p.I3-3f3; Carr.p.73; New Zealand; Ar. Nat.I338p.5I0-I3fI2; Hull; Cl.I333p.22I; Gallik, Papan; M.T.P.I-2-I2; Sm.Sp.1.235; Prollius p.77; Ebert, Cassel; Petit & Leud.; Class.f23: liste p.26; Macdonald pl.IOf4; T.M.S.I377p. -I37f22; Brun Alp.p. I28-9fII; Lagr.I373p.I6; Tanarek I379p.53f33; K. & Z. p.I6-2f2; Lanzi, Tor.; Brebissonia I373p.60; Carl.I33Ip.34IfI70; Hoffmann, Marb.; V.A. S.p.I3I-5IfI0-I2, I3; Truan I335p.37-6f9; >V.A.T.No.343; Spamer, Duren; Lake Michigan; Perag.p.73; Petit, I333; Wolle pl.37f24, 25, 27, 28; Del. S.1.342; A.M.M.9.I39Ip.1.IfI3; Herib.p.I53; -(Echinella ventilatoria & c.; -Exilaria & M.flabellum; -Frust.; -M.venale & Zinckeni;  
" Alp.p.I35: (M.aeq.: -Nematolata quad.)----

" v.subflexilis, Brun Alp.p.I35: (Mel.sub.)--

WESTII, S.B.D.2p.59-52f333; Prit.p.7I7; Carr.p.92; R.E.D.1.36; Fortm. Cey.p.72; Italy; Deby Polder p.I6; V.H.S.p.I93-9IfII, I2; Gran.I384p. 43-5f44; J.Q.C.I387p.66; Castr.I387p.94-2IfI3; Villef.p.79:

(Gail.: -Lysigonium.)----

WRIGHTII, O'M.-M.J.I369p.I3I-I2f3;

(Lysig.)-

ZACHARIAE, Casti. in litt.; Del. Syll. p.I346; Le D. 2, No. 20, p. 148; Del. dlt. 1894, No. 2:  
ZEILERI, Gran.-Atlas I3IfI6-I8:

MERIDION.----- (Aqua 8/11, 1874, -) Fries, 1828p.355; Nor. Alp. p. 81

-, Meneg.A.N.D.p.377: -, Pfitzer p.I2I: -, Tanarek I379p.53:  
CIRCULARE, Ag.Cons.p.40; Hook.Br.Flora p.409; Linnea I333p.553; K.Syll. p.30-3f37; K.B.1.4I-7fI6(I-II); K.S.A.p.I0; Larv.Man.p.205; A.M.N.4. I343p.457-I3fI; Hass. Alp.p.4I3-93fI-6; R.S.D.p.62-IfI; Qickett A.C. pl.I2f2; Braemar; S.B.D.2p.3-32f277; Front.; Marissal; Desraz. I, No. 452; Westendorp No.II00; Prit.p.737-9fI77-I79; M.D.11.I3f7; R.D.Ex. No.45; R.E.D.p.294, f74; Heib.p.36; Gran.I332p.345; Edw.N.1.1.3f32; Schum.H.T.pp.4I, 54; Girard Foss.p.I3-3f3; Carr.p.73; New Zealand; Ar. Nat.I338p.5I0-I3fI2; Hull; Cl.I333p.22I; Gallik, Papan; M.T.P.I-2-I2; Sm.Sp.1.235; Prollius p.77; Ebert, Cassel; Petit & Leud.; Class.f23: liste p.26; Macdonald pl.IOf4; T.M.S.I377p. -I37f22; Brun Alp.p. I28-9fII; Lagr.I373p.I6; Tanarek I379p.53f33; K. & Z. p.I6-2f2; Lanzi, Tor.; Brebissonia I373p.60; Carl.I33Ip.34IfI70; Hoffmann, Marb.; V.A. S.p.I3I-5IfI0-I2, I3; Truan I335p.37-6f9; >V.A.T.No.343; Spamer, Duren; Lake Michigan; Perag.p.73; Petit, I333; Wolle pl.37f24, 25, 27, 28; Del. S.1.342; A.M.M.9.I39Ip.1.IfI3; Herib.p.I53; -(Echinella ventilatoria & c.; -Exilaria & M.flabellum; -Frust.; -M.venale & Zinckeni;

> v.genuina, De Toni, Syll.p.643:

" var., M.T.P.I-3-I; V.H.S.1.5IfI3;

" v.constricta, Brun Alp.p.I28-9fI2; Petit, I333: V.H.S.1.13I (-M.con.)

" v.contorta, Wolle pl.IIIIfI5, I6:

" v.curvata, Breb.-R.E.D.p.295;

" v.Zinckeni, S.B.D.2p.32-32f277b; Prit.p.733-I3f2I; Gran.I332p.345; R.E.D.p.295; Br.Alp.p.I23; V.H.S.1.13I; Kirchner Alp.Schlies.p. 205; Del.S.p.643:

(Mer.Zin.)



COCCOCAMPYLA, E. - Mik. pl. 14f79a, b; Prit. p. 768; R.E.D. p. 295:

(Gomphonema acuminatum; -M. constrictum, var. ?)

CONSTRICUM, Ralfs, A.M.M. 4. 1343p. 453-18f2; Jenner Fl. Tunbr. wells p. 206; Hass. Alg. p. 419-96f7-9; R.S.D. p. 62-1f2; S.B.D. 21. 7-32f273; Hall: Braemar; Grun. 1362p. 343; New Zealand; R.E.D. p. 295; M.D. pl. 12f2; Sm. Sp. T. 236; Heib. p. 66; Gallik, Papan; Petit & Leod.; liste p. 26; Delonp. Hoffmann, Marb.; 4 Prit. p. 768; Spamer, Duen; Kirchn. Alg. Schlies. p. 205; Pera. p. 73; Belloc, Lichon; Gerib. p. 153; De Toni, Syll. p. 643: (Emeridion; -M. circulare, v., & cordatum.) -

" var. "b" S.B.D. 2p. 7-32f273b; Grun. 1362p. 345; R.E.D. p. 295:

" var. "g" elongatum, S.B.D. 2p. 7-60f273g; Grun. 1362p. 345; R.E.D. p. 295:

" v. Grunowii, Kirchner Alg. Schliesens p. 205; Det. Syll. p. 643:

CORDATUM, Corda. - Almanach Carlsbad p. 5f51, 52; (M. const.)

ERINACEUM, H.L. Sm. Sp. T. No. 239; A.O.M. 1373p. 135; (Peronia?) -

FLABELLUM, E. - Abh. Ber. 1333p. 297; (M. circ. & vemale.) -

INTEREDIUM, H.L. Sm. Sp. T. 238; A.O.M. 1373p. 135; 12-312; 13aw. 1379p. 29; A.

J.M. 1373p. 134; Wille pl. 37f26, 29, 30; Det. S. p. 643: - (

MARINUM, Greg. D.C. p. 25-2f41; Prit. p. 768; Carr. p. 73; R.E.D. p. 295:

(Gomphonema lineare; -Opephora; -Scutroneis; -Thalassiothrix.) -

OVALUM, Ag. Syst. p. 3; Consp. p. 40; Linnea 1333p. : K. Syn. p. 31; K.B. p.

42; K.S.A. p. 10; Prit. p. 768; R.E.D. p. 295; Gutw. Galicyi 1390p. 33-1f23;

Det. S. p. 644: (Echinella flabellata; -Gomphonema Leibleinii.) -

PANDURIFORME, E. - Inf. p. 203-13f3; K.B. p. 42; K.S.A. p. 10; Prit. p. 768; R.S.

D. p. 62-1f4; R.E.D. p. 295; Det. S. p. 643: - (Exilaria; -Gomph. acuminatum.) -

PUPULA, E. - Mik. p. 43: (Gomphonema; -M. circulare; -Podosphaenia.)

RADIANS, Ag. Syst. p. 3: (Echinella flabellatum: -

Gomphonema (& Liemophora) argentescens & flabellatum: -Liemophora.) -

VERNALE, Ag. Syst. p. 2; Consp. p. 39; Bot. Zeit. 1327p. 259; Leibl. Regensb.

Fl. pl. 1f1; E. Inf. p. 207-13f2; Abh. Ber. 1335p. 173; Mik. pl. 39-3f73; A.O.

S. 1341p. 103-2f42; Vol. 35p. 121-2f15; Prit. 1352p. 1. 31f77:

(Echinella, Frust., Gomphonema, Lunulina & Ulva olivacea; -

Gomphonema Leibleinii; -M. circulare & flabellum.) -

" var. "b" Agglutinatum, Ag. Cons. p. 39:

ZINCKENI, K.B. p. 41-13f7, 8(1-4); Bot. Zeit. 1343p. 396; K.S.A. p. 10; R.S.

D. p. 62-1f5; R. Bac. Exs. No. 3; R. Alg. Em. No. 101; Hoffmann, Marb.

(M. circulare, v.) -

### MESASTERIAS. --- (Ehr., 1872.) -

ABYSSII, E., Abh. Ber. 1372p. 392-9f7; (Asterolampra Rogeriana.) -

### MESOCAENA. ----- (Ehr., 1840.) -

-, Det. Syll. p. 1426:

BINONARIA, E. - Mik. pl. 35A-13f10; K.S.A. p. 142; E. abh. Ber. 1845p. 78:

BIOCTONARIA, E. - Mik. pl. 35A-13f10; Prit. 1. 933; K.S.A. p. 142; (abh. B. 1845p. 78) -

BISOCTONARIA, E. - Prit. p. 936: (M. bioctonaria.) -

CIRCULUS, E. - Abh. Ber. 1340p. 13; M. pl. 19f34; K.B. p. 139; Prit. 1. 937; K.S.A. p. 142:

DIODON, E. - Mik. pl. 33-13f13; Prit. 1. 937; K.S.A. p. 142; abh. B. 1844p. 78:

ELLIPTICA, E. - Abh. Ber. 1340p. 14; M. pl. 20-1f44; K.B. p. 139;

Prit. p. 937; K.S.A. p. 142; abh. B. 1844p. 84:



HEPTAGONA, E., Amer. p. 129 pl. I-3f23; Mik. pl. 20-1f49; K.B. p. 140-23f3;  
K.S.A. p. 142; Prit. p. 936-12f71;  
OCTAGONA, E., Amer. p. 129 pl. I-3f27; K.B. p. 140-23f7; Prit. p. 936;  
(M. heptagona, v.)---K.S.A. p. 142;  
SPONGIOLITHIS, E. -Abh. Ber. 1844. 204; K.S.A. p. 142; Prit. p. 937;  
TRIANGULA, E. -Leb. Kreid. 1838; Mik. pl. 22f41; K.B. p. 140; Prit. p. 937;

MICROMEGA.----- (*Agarthy* 1827.)-

AGHARDII, E. -Ralfs, Prit. p. 933-10f203; (Schizonema.)--  
ALBICANS, K.B. p. 113-27f12; K.S.A. p. 103; Prit. p. 934; (Schiz.)--  
APICULATUM, Ag. Cons. p. 22; K.B. p. 117-27f10; K.S.A. p. 103; Prit. p. 934;  
Westendorp, G.; Carr. p. 116; (Gloionema; -Monema; -Schiz.)---  
AUREUM, K.B. p. 117-27f3; K.S.A. p. 107; Prit. p. 931;  
(Schiz. corymbosum, var., & a.)--  
BERKELEYI, K.S.A. p. 106; Prit. p. 933; Carr. p. 116; (Schiz.)--  
BLYTHII, Ag. Cons. p. 23; K.B. p. 113; K.S.A. p. 109; Prit. p. 932; (Schiz.)--  
BOMBICYNUM, K.B. p. 116-29f3; ~~K.S.A. p. 106~~; Prit. p. 933-14f43, 44; R. n. 2.  
p. 273; (Berkeleya; -Schiz.)--  
BRYOPSIS, K. -Ralfs, Prit. p. 931; (Schiz.)--  
CAPITATUM, K. -Ralfs, Prit. p. 931; (Berkeleya; -Schiz.)--  
CHONDROIDES, K.B. p. 113-25f3; K.S.A. p. 103; Prit. p. 934; (Schiz.)--  
COMOIDES, Grev. -Ralfs, Prit. p. 934; Carr. p. 116; -(Schiz. araneosum & c.)--  
CORALLICII, Meneg. -Ralfs, Prit. p. 932; (Berk.; -Schiz.)--  
CORNICULATUM, Ag. Cons. p. 24; Icon. Alg. Eur. pl. 4; <sup>Ag.</sup> Westendorp. 1827. 1327.  
323; E. Inf. p. 240; K.B. p. 113-23f2; K.S.A. p. 109; Prit. p. 934;  
(M. penicillatum; -Schiz. *M. divaricatum*)  
" var. "b", K.B. p. 118; K.S.A. p. 109; (M. penicillatum.)---  
CORYMBOSUM, Ag. -K.B. p. 117-27f9; K.S.A. p. 107; Prit. p. 931;  
Carr. p. 115; (Schiz.)--  
CRISPUM, Montagne. -Ralfs, Prit. p. 933; (Schiz.)--  
DIVARICATUM, Men. -K.B. p. 118; K.S.A. p. 107; (M. corniculatum)  
DIVERGENS, W.S. -Ralfs, Prit. p. 931; Carr. p. 115; (Schiz.)--  
FASTIGIATUM, K.S.A. p. 106; Prit. p. 932; Carr. p. 115;  
(Schiz. r. & ramossissimum.)--  
FLAGELLIFERUM, K.B. p. 113-24f4; K.S.A. p. 106; Prit. p. 933; -(Berk.; -Schiz.)--  
FLOCCOSUM, K.B. p. 116; K.S.A. p. 106; Prit. p. 933; (Schiz.)--  
GRACILLIMUM, K. -Ralfs, Prit. p. 934; Carr. p. 116;  
(Berk. & Schiz. parasitica, v.; -Schiz.)---  
HELMINTOSUM, Chauvin. -Ralfs, Prit. p. 930; Carr. p. 115;  
(Naunema arbusculum & fruticulosum; -Schiz. arbuse. & h.)  
HUMILE, K. -Ralfs, Prit. p. 932; (Schiz.)--  
HYALINUM, K.B. p. 117-24f3 (25f4<sup>4</sup>); Desmaz. 2, No. 110; Westendorp. No. 394;  
(Homococladia; -M. tenellum; -Schiz.)  
HYALOPUS, K.B. p. 117-25f5 (1-5); K.S.A. p. 107; Prit. p. 932;  
Carr. p. 116; (Schiz.)--  
HYDRUROIDES, K. -Ralfs, Prit. p. 931; (Berk.; -Schiz.)---  
ILLYRICUM, K. -Ralfs, Prit. p. 931; (Schizonema.)--

polycladas, K.S. A.p. 108; K.B. p. 118-28 f1:

+ ramosissimum. Ag. - (

Microneis. - cl. 1893.

Vide Cl. Nav. pt. 2, p. 187; ~

- INTRICATUM, K.B.p.II6-23f5; K.S.A.p.I05; Prit.p.933; Carr.p.II6:  
(Berkeleya; -Schizonema implicatum, & int.)---
- INVESTIENS, Montagne.-Ralfs, Prit.p.933: (Schiz.)
- KUTZINGII, .-Ralfs, Prit.p.933; (Schiz. (1860) & K.)
- LACINIATUM, Harvey.-Ralfs, Prit.p.932; Carr.p.II6:-(Schiz. scoparium & l.)-
- LINEATUM, K.B.p.II6-23f4; Desmaz.I, No.II4; K.S.A.p.I06:  
Prit.p.933; (Schiz. l. & Smithii.)
- MEDUSINUM, K.B.p.II6-25f6; K.S.A.p.I03; Prit.p.932: (Schiz.)-
- MENECHINI, Ralfs, Prit.p.932: "
- MESOGLOEOIDES, .-Ralfs, Prit.p.932; Carr.p.II5: "
- MINUTUM, K.-Ralfs, Prit.p.934: "
- MOLLE, .-Ralfs, Prit.p.931; Carr.p.II5: "
- MUCOSUM, K.-Ralfs, Prit.p.933; Carr.p.II6: "
- MYXACANTHUM, K.B.p.II7-24f3; K.S.A.p.I03; Prit.p.931: "
- NEBULOSUM, .-Ralfs, Prit.p.930: "
- OBTUSUM, Grev.-Ralfs, Prit.p.931; Carr.p.II5: (Berk.; -Schiz.)---
- PALLIDUM, Ag.Cons.p.23; Bot.Zeit. 1827: K.B.p.II3-23f3; K.S.A.p.I09:  
Prit.p.934-14f39-42: (Schiz.)
- PAPILLOSUM, .-Ralfs, Prit.p.932: "
- PARASITICUM, K.B.p.II6-27f2; K.S.A.p.I05; Prit.p.932; Carr.p.  
II6: M.D. 11. 13f3: (Berk.; -Schiz.)
- PARVUM, Meneg.-Ralfs, Prit.p.933:
- PATENS, K.B.p.II6-24f5; K.S.A.p.I03; Prit.p.933: (Berk.; -Schiz.)-
- PENICILLATUM, Ag.Cons.p.23; Prit.p.934:  
(M. corniculatum, v.; -Schiz. ramosissimum, var., & p.)
- PLUMOSUM, K.-Ralfs, Prit.p.933; (Berk. rutilans, v.; -Schiz.)
- RAMOSISSIMUM, Ag.Cons.p.22; K.B.p.II7-25f1; K.S.A.p.I07: Westendorp, G.:  
Prit.p.934; Carr.p.II6:-(Calothrix; <sup>ramulosa</sup>-Schiz. apiculatum, Wyatt & l.)--
- SETACEUM, K.B.p.II7-25f2, 3; K.S.A.p.I07; Prit.p.931;  
(M. & Schiz. ramosissimum, v.; -Schiz. s. & torquatum.)----  
" var. "b" corymbosum, K.S.A.p.I07:  
" var. "g" torquatum, K.S.A.p.I07:-(M. tor.)----
- SIROSPERMUM, K.S.A.p.I09; Prit.p.931; Carr.p.II5: (Schiz.)-
- SMITHII, Ag.-Ralfs, Prit.p.930; Carr.p.II5: "
- SPINESCENS, K.B.p.II6-27f11; K.S.A.p.I03; Westendorp, G.:  
Prit.p.934: (Schiz.)-
- SPLENDENS, Meneg. in litt.; - (Schiz. Smithii)
- STALIANUM, Men.-K.S.A.p.I06; Prit.p.932; (Berk.; -Schiz.)-
- TENELLUM, K.B.p.II7-24f7; K.S.A.p.I07; Prit.p.932: (Schiz.)-
- TORQUATUM, Harvey.-Prit.p.930; Carr.p.II5;  
(M. setaceum, v.; -Schiz. Smithii & t.)----
- TRICHOCEPHALUM, K.-Ralfs, Prit.p.931; (Berk.; -Schiz.)--
- WYATTII, Harvey.-Ralfs, Prit.p.931; Carr.p.II5: "
- ZAMARCINII, Meneg.-Ralfs, Prit.p.933: (Schizonema.)--

## MICROPOLISCHS.-(L. &amp; M., 1822)

- OLIVERANUS, O'M.-Gran., V. 4. S. 11. II3f5: (Actinocyclus; -Podocis?)---
- WEISSFLOGII, Gran.-V. 4. S. p. 210; 1. sub Nos. II, 416: (Eupodiscus?)---

Miellierella  
H. V. H. 1894. —



OCTOCERAS, E. -- Inf. p. 164-12f 10; Prit. p. 937-3f 31: (Non-Diatomaceis.)

MOLLERIA. -- (Cleve, 1873.) --

ANTARCTICA, Cast. 1837 p. 93-13f 6; Notar. 1839 p. 759; Del. Syll. p. 771:

CORNUTA, Cl., Java p. 7-1f 6; Cast. 1837 p. 93-25f 3; Del. S. p. 770:

(Eucampia ~~cornuta~~.)

MONEMA. -- (Greville, 1832.) --

APICULATUM, Grev. -- Scottish Flora p. 382 p. 30: (Schizonema.) --

COMOIDES, Grev. -- Scott. Flora p. 368: -- (Schiz. Grevillei.) --

DILLWYNI, Grev. -- Scot. Fl. p. 297: -- (Berkeleya; -- Conferva foetida; -- Schiz.) --

OBTUSUM, Grev. -- Scot. Fl. p. 302; K. B. p. 115: (Berkeleya; -- Schiz.) --

PROSTRATUM, Berk., British Algae pl. 4f 3: (Cymbella; -- Eucampia.) --

QUADRIPUNCTATUM, Grev. -- Scottish Flora p. 286:

(Berk. Ehrenbergii; -- Schiz. erinoidium & Ehrenbergii.) --

MONNEMA. -- (Meneghini, 1845.) --

DILLWYNI, Grev. -- Meneg. A. N. D. p. 434: (Schizonema.) --

ECTOCARPOIDES, Meneg., A. N. D. p. 433: (Schiz. Balticum & viridus.) --

GREVILLEI, Harvey. -- Men. A. N. D. p. 435: (Schiz.) --

HOFFMANNI, Ag. -- Men. A. N. D. p. 433:

LENORMANDII, K. -- Men. A. N. D. p. 435: (Schiz.)

LUTESCENS, . -- Men. A. N. D. p. 433: (Schiz.)

QUADRIPUNCTATUM, Grev. -- Men. A. N. D. p. 430: -- (Bangia; -- Schiz. erinoidium max q.)

RUTILANS, Ag. -- Men. A. N. D. p. 433: (Schiz.) --

SORDIDUM, K. -- Men. A. N. D. p. 435:

STRIOLATUM, K. -- Men. A. N. D. p. 436: (Schiz.) --

SUBINCONSPICUUM, Meneg. A. N. D. p. 436:

TENUE, K. -- Men. A. N. D. p. 432:

TENUISSIMUM, K. -- Men. A. N. D. p. 431: (Schizonema.) --

MORONEIS. -- (Bailey, 1850.) --

PEREGRINA, Bailey ? Navicula.)

MONOGRAMMA. -- (Ehrb., 1843.) --

ACHNANTHES, E. -- Abh. Ber. 1843 p. 112; Mik. p. 121; Prit. p. 375; Del. S. p. 490:

SMITHIANA, Grev. -- Trans. Bot. Soc. Edinb. 1865 p. 439-3f 3-5; -- (Ach. inflata.) --

TRINODIS, E. -- Abh. Ber. 1843 p. 112; Mik. p. 12; Prit. p. 375;

Del. Syll. p. 490:

VENTRICOSA, E. -- Mik. pl. I-2f 9; Prit. p. 375; -- (Ach. v. & rhomboides.) --

VENTRICOSA, Grev., Trans. Bot. Soc. Ed. 1865 p. 439-3f 3, 7:

MONOPSIA. -- (Grove & St., 1837.) --

MAHMOUSA, Gro. & St. -- J. Q. C. 1837 p. 142-13f 3; J. R. M. S. 1833 p. 909; Notar.

1833 p. 469; Atlas 125f 14, 15; Del. Syll. p. 1079:

NAUNEMA. -- (Ehrb., 1833.) --

-, Bailey, A. J. S. July 1854 p. 9-3f 14-17:

AMERICANUM, E. -- Abh. Ber. 1845 p. 79; R. S. D. p. 51: (Collectonema.) --

## Stauracula.

- ? atlas 212 f 2, 3, 40:

- " 6 f 37 = *S. glacialis*, v. *septentrionalis*.

- " 70 f 12 = *S. porphyrala*, v. *minor*.

- " 46 f 29, 30 = *S. cancellata*. } 74, 75 = *hirsuta*.  
64-67 = *S. Gregorii*.  
71 = var. *inflexa*.

--, Borscow Russ. D. p. 129- B, f 9 a b.

(                    ) 4.

AMPHIOXYS, E. - Amer. pl. 3-215; K.B.p. III-23f5; R.S. 3.1.51-711; -(Collins.) -  
 ARBUSCULA, E. - Inf. p. 235-20f14; (Schiz. helminthosum & a.) -  
 BALTICUM, E., Inf. p. 236-20f15; (Schiz. Grevillei, micans, pumilum.) ---  
 BEATORUM, E., Mik. pl. 34-56, f12;  
 DILLWYNI, E., Inf. p. 235-20f13;  
 (Berkeleya; -Schiz. D., Ehrenbergii & rutilans.) ---  
 FRUTICULOSUM, K.S.A.p. 104; (Microgaster helminthosum.) --  
 HOFFMANNI, E., Inf. p. 235-10f13; (Schiz. H. & rutilans)  
 MICANS, E., Inf. p. 234; (Raphidogloss.) -  
 SIMPLEX, E., Inf. p. 234-15f12; Cole, Essex; K.B.p. II5; -(Schiz. s. & tenuis.)

### NAVICULA. - (Bory St. Vincent, 1822.)

- Lewis, N. & I. p. 346-1f3; -(Frustulia Lewisiana.)  
 - Bailey, A. J. S. 1842p. -2f13; -(Nav. interrupta.) --  
 - Lagr., 1873p. 35-2f12; -(Nav. Lagerstedtii, Cl.) ----  
 - A.S., Atlas 50f4, 5; -(Caloneis robusta, var. subelliptica, Cl.) ----  
 - A.J.S. 1842p. -2f19, 20, 23, 25; -, Cole, Essex;  
 - A.J.S. 1842p. -4f10; -, Meneg. A.N. 3.1.4f13;  
 - Williamson p. 20-1f15-20; -, Bleisch, 1863;  
 - Riidel, N.O. Med. Jour. 1852pl. 4f43-45, 48; Pfitzer p. 36;  
 - A.J.S. Vol. 35, 1. II9-2f1, 5; -, T.M.S. 1850p. 133;  
 - E., Mik. pls. 3-4f9b; } -, 6-1f10b;  
 - 7-3b, f7; } -, 4-2f15;  
 - 13-2f11; } -, 17-1f7-9;  
 - Lewis, W.M.D.p. 13-2f9; -, Tanarek 1879p. 31;  
 - Lewis, N. & R.S.p. 34-2f5; -, T.M.S. 1877p. -13f13;  
 - B.J.N.H. 1862p. 335, f21, 33; -, Macdonald pl. 24f" C";  
 - Pop. Sci. Rev. 1877p. 133, f3, 5a; -, 1863p. 400, f5, 6;  
 - Amer. Nat. 1833p. 510-13f7; -, Petit Classif. f3;  
 - A. Schm. N.D. pl. 2f23, 24, 32, 33, 33, 39, 41;  
 - J.Q.C. 1837p. II5-9f7; -, A.S., Atlas 3f35-37, 39, 40;  
 - 7f49; -, 3f11, 13-15, 31, 33-36, 38, 59, 60  
 - 12f7, 37-39, 45, 47, 48, 70: 21, 24; -, 13f14, 16, 35, 43, 44, 45;  
 - 42f5, 48; 15; -, 43f24, 29, 30, 34, 37 = macilenta.  
 - 44f13-12, 33, 43-52, 57; -, 45f13, 14, 59, 60, 75, 79; 68 = S. tenuis.  
 - 43f7-10, 11, 13, 23-31, 40, 44, 53, 55, 60, 64, 68, 71, 73; 48 + 12, 13, 21-23, 28,  
 - 47f12, 13, 23, 30-32, 33-37; 21, 33; -, 49f13, 40, 53, 30, 17; 30-32, 35-37, 40;  
 - 50f15, 26, 31, 34, 39-42, 45, 43, 49; -, 59f10, 11, 20, 23, 25;  
 - 70f11, 12, 26-29, 33, 39, 40, 57-59, 67, 63, 74; 7013;  
 - 130f14; -, Cast. 1837p. 32-27f3, 7, 10;  
 - Cast. 1837p. 32-29f9, 13, 15, 17;  
 ABAUJENSIS, Pant. 2p. 41-3f54; Det. S. 11.p. 27; -(N. oblonga, f. 1. 1. 1002.) -  
 ABBREVIATA, Grun. -Cl. 1830p. 39-2f43; Det. S. p. 32; (N. incis, v.) -  
 ABNORMIS, Grun. -Cl. & M. No. 142; Cl. 1830p. 46; Sm. Sp. 1. 330;  
 Det. S. pp. 125, 173; (Caloneis.)  
 ABNORMALIS, Cast. 1837p. 27-23f19; Notar. 1839p. 337; Det. S. 1. 77;  
 (Diploneis bombus.)  
 ABRUPTA, Greg. -Donk. B.D.p. 13-2f5; A. Schm. N.D. p. 30-1f37; Atlas 3f1, 2;  
 129f15; Cl. 1873p. 16; Vega pl. 472, 510; Lagr. 1876p. 39; V.H.S.p. 94; ----  
 abnormalis.

> acuta, W. Sm. - Toletu p. 423; - (Pinn. radiosa, v. acuta.) -

off. W. Sm. pl. 34 (1A74; 1B75):

- Malaisie; Villef. p. 49; Del. Syll. p. 93: *Chlamys* p. 61. -- (N. latic, "b".) ---  
 " var., V. G. S. p. 94-10f4;  
 ACROSPHAERIA, Breb. - K. B. p. 97-5f2; K. S. A. p. 73; Prit. p. 395; Donk. B. D. p. 72-12f2; Schum. H. T. p. 73; O. M. I. D. p. 343; Sm. S. p. 1.241; Winckler; Atlas 43f13, 21, 23; A. J. M. 1873 p. 135; Woll. pl. 2f3, 9, II; Malaisie; Herib. p. 93: (N. & Pinn. tabellaria; -Pinn. a. & gibb  
 " var., A. S., Atlas 43f17;  
 " v. laevis, H. & Per. - Herib. p. 93;  
 " v. minor, H. & Perag. - Herib. p. 93;  
 " v. Sandvicensis, A. S., Atlas 43f14, 15;  
 ACUMINATA, K. B. p. 102-4f23; 30f15; K. S. A. p. 33; Marissal; Prit. p. 909; K. & Z. p. 15-5f10; Arénig Bach; O. M. I. D. p. 354-30f14; H. T. p. 3-3-7; Woll. pls. 16f13; 20f5; Herib. p. 100:  
 (Bacillaria iniformis; -N. flexuosa, sigra, cymoides; -Pinnularia; -Pleurosigma a. & laevis.) --  
 ACUS, E., Abh. Ber. 1334 p. 129; Inf. p. 175-10f4: (Syl. p. 119.) --  
 ACUS, Cl. 1330 p. 14-3f55; Nav. p. 106-3f29, 30; Del. S. p. 1f9: -(N. inornata.) --  
 ACUTA, K. B. p. 93-3f39; K. S. A. p. 73; R. S. D. p. 39-3f73; Prit. p. 905; Arénig Bach; Neupauer p. 190-1f20; R. E. D. p. 173; O. M. I. D. p. 407-34f5; Pet. liste p. 20; Sm. S. p. 1.240; Arénig; V. G. T. No. 33; Winckler; Bellon, Lichon; Per. p. 53:  
 (N. latic, v.) --  
 ACUTIUSCULA, Ralfs. - Prit. p. 906; O. M. I. D. p. 403; Forum. Gey. p. 25:  
 Malaisie: (Pinn.) ---  
 ADONIS, Brin, & T. p. 41-5f3; Atlas 174f13-20; Del. S. p. 34: (Diploneis.)  
 " v. gibbosa, Br. - B. & Tem. p. 41-5f2; Atlas 174f21: -(Dipl. a., var.) --  
 ADRIATICA, Grun. 1300 p. 525-1f17; Del. S. p. 37: (Diploneis nitescens.)  
 ADVENA, A. S., Atlas 3f29; Cl. 1373 p. 4; Vega p. 505; Del. S. p. 35: -(Diploneis  
 " var., A. S., Atlas pl. 12f41;  
 AEMULA, Grun. - Schm. N. D. p. -2f47; Del. S. pp. 159, 177: (Caloneis.)  
 " v. major, Cl. & Grun. - Led. Vol. 2 p. 37-10f3: (Caloneis a. var. m.) ---  
 AEQUALIS, K. B. p. 96; K. S. A. p. 77; Prit. p. 900; Carr. p. 105; R. E. D. p. 195; Nylander, a.: Del. Syll. p. 132: (Pinn.) -  
 AEQUINOCTIALIS, Montagne Gey. p. 33; Ann. Sci. Nat. p. 309; Syllog. p. 473; Del. Syll. p. 10:  
 AESTIVA, Donk. - T. M. S. 1353 p. 32-3f13; Prit. p. 359; Donk. B. D. p. 3-1f3; R. E. D. p. 184; Carr. p. 103; Bull. Cl. 1373 p. 13; Vega p. 172; O. M. I. D. p. 354-32f10; Atlas 7f10, II; 3f23; Del. S. p. 97: (Diploneis.)  
 AESTIVARI, Breb. in litt.; K. S. A. p. 390: (Gyrodactylus.) ---  
 AFFINIS, E. - Arénig p. 129 pls. 2-2f7; 2-3f2; 2-4f4; 2-5f1; 3-3f3; 4-2f3; 4-5f10; Mik. pls. 5-3f5; 7-1f17a, b; 1f123; 13-2f3; 31-1f, 11; 31-1f, 10, 5: 34-(3b, f3; 3b, f1; 3f10; 12a, 13): 35A-2f14; 33A-17f1; 39-1f13, 39; 39-3f79; Nord. p. -2f33; K. B. p. 95-23f35; 30f45, 46; K. S. A. p. 73; R. S. D. p. 40-3f53; R. E. D. p. 193; R. A. L. Eur. Nos. 53f, 143f 310; Weiss 135f, 127-1f3; 1334 p. 350-4f27; Gl. p. 307-2f52; S. G. D. p. 50-15f113; V. G. 1334 p. 97-4f9; Grun. 1300 p. 543-2f2a, b, 3; Prit. p. 902-12f52; Blausch, 1336; Schum. H. T. p. 70: 1332 p. 132-3f39; Neupauer p. 194-2f33; Atl. S. p. 1.241; Donk. B. D. p. 55-5f3; New Zealand; Cl. 1334 p. 223; 1331 p. 3; Vega p. 149f; O. M. I. D. p. 357-3f123; Arénig Bach; Sm. S. p. 1.241-1f17; Nylander, a.; Pet. liste p. 19; Carr. 1373 p. 29; Atlas 19120-1334 p. 1.241-1f17-1f12f1:

> albescens, Cleve var. 2p. 55 + pt. 1 pl. 4 f 89:

> Algidia, Gn. - 1884 p. 4 - 1 f 31: Cl. var. 2p. 40: (it. q. lucialis, p. p.)

- H.T.P.3-4-II; Minnora; T.B.C.1337p.70-36f4; V.4.1.No.136; Hoffmann, Marb.; Spamer, Duren; Belloe, Lichon; Petag. p.30; Wollf pl.11f1,2; Strose Kleiken p.10-11f2; Herib. p.114; (N.firma, v.; -N.iris, v.; -N.iber, v.; -N.ceratostigma, amphilepta & ampliata; -Neidium.)
- " var., H.V.N.S. pl.13f4;
- " v.amphyrhynchus, Grun.1360p.54f-5f5; R.E.D.p.196; Brn. Alp. p.72-7f20; -(Nav.a.; -Neidium aff., var.a., forma major.)
- " v.firma, Rabh.E.D.p.193; Alg. Eur.146f sub; -(Nav.f.; -Neidium d. var.f.)
- " v.producta, Rabh.E.D.p.197; Br. Alp. p.72-7f22; (Nav.p.)--
- " v.tropica, Dickie & Grun.-Amazon;
- " v.unulata, Grun.1360p.54f-5f5; Petit Cat. p.20; V.4.S. pl.13f5; Herib. p.115; (Neidium a. var. ulu.)
- AFIRMATA, Fortm. Cey. p.24-2f22; Del. Syll. p.133; -(Mastogloia.)
- AFRICANA, E.-Abh. Ber.1333p.130; Mik. pl.21f27a,b; (Grammatophora.)--
- AFRICANA, Petit Table Bai p.7, f1; Del. S. p.37;
- AGELLUS, E.-Wollf. 4.1340p.13; K.B.p.102; K.S.A. p.30; 11.11.15(A), f31: p.77; (Pleurosigma.)--
- ALATA, E.-A. 361.1340p.212; Mik. pl.2-2f15; 2-3f11; (Amphicampa; -Amphicampa.)----
- ALBIGENSIS, Grun.1360p.51-1f29; Del. S. p.130; -(Mastogloia.)
- ALGERIENSIS, Montagne fl. Alger. p.190; Syll. p.470; K.S.A. p.70; 11.11.1909; R.E.D. p.136; Del. S. p.124;
- ALLMANNIANA, Grun.-Prit. p.399; R.E.D. p.134; Del. S. p.23; (Cocconeis, etc.)--
- ALPESTRIS, Grun.1360p.545-3f4; R.E.D. p.181; V.4.S. pl.12f30; Petit, 1338; Del. S. p.152; (Caloneis; -N.firma.)
- " v.Tatica, Gutw. Galicyi p.20-1f17; Cl. Nav. p.53; Del. S. p.152;
- ALPHA, Cl.-LeD. No.13p.13-1f4; Nav. 2p.44;
- ALPINA, W.S.-Ralfs, Prit. p.906; Grun.1360p.522; Donk. 3.5. p.27-4f6; Arenig Bach; O'M.I.D. p.342-30f4; Sm. Sp. T. No.242; Atlas 45f1-4; Del. Syll. p.16; (Pinn. a, 7p.)--
- ALTERNANS, Schum.1367p.57; H.T. pp.46, 72-3f48; Atlas 42f22, 23; (Scolioleura.)----
- " var. "b" minor, Schum.1367p.57; H.T. 73
- AMBIGUA, E.-Amer. p. pl.2-2f9; Mik. pls. 3-4f14; 15(B)f15; 15(A)f41; Nord. p. -2f54; K.B. p.95-23f66; K.S.A. p.76; R.S.D. p.40-3f59; R.D. Ex. 54; R.E.D. p.192; Westendorp, G.; S. 3. 3. p.51-1f119; 41900; Prit. p. 902; Grun.1360p.529-2f33; 1111; Schum.1369p.33-2f14; 31900; 1360; Nylander, W.; Cl.1360p.223; Nav. 1361.9; V.4.1.491; Donk. 3.5. p.39-3f5; Pedicino p.10-2f3-3; Prollius p.30; Delogne; O'M.I.D. p.360-3f10; Br. Alp. p.67-7f23; M.T.P.3-4-23; M.M.J.1373p.33; Sm. Sp. T. 245; V. H.S. p.100-12f5; T. No.121; Ebert, Cassel; Gallik, Papan; Lake Michigan; Spamer, Duren; Hoffmann, Marb.; Pet. liste p.20; Trian 1335p.37-1f23; J. L.S.1334p.245; Petag. p.30; Belloe, Lichon; Herib. p.115; Del. S. p.130; (Pinn.; -Vandendriest.)--- Atlas 21f1-4f
- " var. craticularis, H.V.4.S. p.100-12f5; T. No.122; Lake Michigan; Del. S. p.157; (Sirella c.)--

amicorum, Grun. - Cl. Nav. 2p. 36-1f31:

"var. Madagascariensis, Cl. Nav. 2p. 36:

+ aminophila; Cl. Nav. 2p. 29:

"Hydrogenerans, Cl. Nav. 2p. 20:

"V. flavatica, Gr. - Cl. Nav. 2p. 30:-

(N. flav.; - N. cancell. v. sculdensis.)

+ amphibola, Cl. Nav. 2p. 45:-

N. gastrum v. styriaca: N. styriaca, Pt.] -

amphioxys, E. - Pogg. Ann. 1839:



AMERICANA, E., Amer.p. I29; Mik. pls. 2-2f16; 4-2f6; K.B.p. I00; V.S.A.p. 32; R.S.D.p. 40; Prit.p. 392; Sci.G. I363p. I32f127; R.E.D.p. 22; O'M.I. D.p. 351-30f50; Amazon; V.H.S.p. I05-I2f37; Kinnora; Malaisie; wolle pl. I0f5I; V.H.T.No. I33; Cl. I39I.p. 6; Nav.p. I36; Herib.p. II5; Del. Syll.p. I74; (Pinnularia.)

\* forma minor, H. & Perag. - Herib.p. II5-4f12: -(N.Americana.)--

\* v. bacillaris, H. & Per. - Herib.p. II5-4f13: (Nav. Amer.)-

> AMICA, Cl. - N.L.K.D.p. I2-3f37; Del. S.p. I74: (Caloneis.)

+ AMPHIOLA, Grun. I332p. I49-30f60-70; Part. 2, 1.4I: -(N. cancellata, v.?)

+ \* v. aspera, Grun. I332p. I49-30f74, 75; Part. 2, 1.4I:

\* v. intermedia, Grun. I332p. I49-30f71-73; Part. 2, 1.4I-II f190: *Cl. nov. 2 p. 30.*

+ AMPHIBOLA, Cl. I39I.p. 33: -(N. gastrum, v. Styriaca; N. punctata, v. aspera, v. m. strica.)

AMPHICEPHALA, E. - Del. Syll.p. I33: (Pinn.)--

AMPHICEROS, K.B.p. 95-3f39; K.S.A.p. 75; Prit.p. 90I; R.E.D.p. I98; Atlas 47f25, 26; Cl. Vega p. 49I; Dannf.p. 25; Belloc, Luchon; Spamer, Duren; Dt. Syll.p. I90; Perag. p. 60: (N. Rhynchocycla, v. : -Pinn.)--

\* v. parva, Dickie & Grun. - Amazon:

AMPHIGOMPHUS, E. - Amer.p. I29, pl. 3-I f3; Mik. pls. 2-2fII; 2-3f3a, b, 9; 3-I f6; 3-2f6; 4-I f6; 4-3f3; 5-3f15; 6-I f20; 7-3a, fII, I2; 9-I f20; I3-2f6c; I4f24; I5-A, f39; I7-I f6; 7-I f9; K.B.p. 93-23f40; K.S.A.p. 73; R.S.D.p. 33-3f47; Prit.p. 903; Schum. H.T. pp. 47, 75; Carr.p. I06; Hall; R.E.D.p. I76; O'M.I.D.p. I367-3f127; Sm. Sp. T. 244; Atlas 49f32-34; Br. Alp. p. 73-7f13; Kinnora; Belloc, Luchon; Perag. p. 57; wolle pls. I3f10; I9f5; Hoffmann, Marb.; Herib.p. II3: > Mik. p. 2-4, 1.4I, 7-15? (Neidium: -Nav. indus, var., & firma? *Nav. biennata*, Grun.)

\* var. "b" striata, K.B.p. 93-23f4I; K.S.A.p. 73; Atlas 49f3I: (Pinn.)

AMPHILEPTA, E. - Abh. Del. I357p. 555; Prit.p. 9II; Del. S.p. I92: -(N. affinis.)

AMPHIOXYS, E. - Amer. pls. I-I f6; I-2f15; 2-I f32; 2-3f26; 3-3f9; Mik. pls. 3-3f4; 3-4f7; 5-3f10; 7-I f13; I3-I f9a, b; I3-2f14; I4f27; I5-A, f13, I9; I5-B, f9; I7-2f13; 33-I0f9; 35A-I4f2; 37-3f5, 6; Westendorp, G.No. 797; K.B.p. 9I-23f37; K.S.A.p. 39; R.S.D.p. 33-3f32; Prit.p. 904; weisse I330 p. 359-3f10; I334p. 330-4f23; Schum. H.T. p. 39; I332p. I32-3f4I; I364p. 20-2f2I; R.E.D.p. I74; Nylander, w.: Prollius p. 63; Pet. liste p. I9; Kinnora; Gallik, Pagan; Hoffmann, Marb.; wolle pl. 20f24, 25; E. Mik. pl. 39-3f30; Spamer, Duren; (Cymbella; -antzschia; -Pinn.)-

AMPHIPRORA, E. - K.B.p. I00; K.S.A.p. 34: *Amer. p. 1.4I, 7-15?* (Pinn.)

AMPHIRRHINA, E. - Ralfs, Prit.p. 90I; Del. S.p. I9I: (Pinn.)--

AMPHIRRHINCHUS, E. - Amer. p. pl. 3-I f10; K.B.p. 95-4f13; 2f1I; 23f17; K. S.A.p. 76; R.S.D.p. 40-3f50; S.B.D. I. 5I-I3f142; Prit.p. 90I-I2f6; R.E. D.p. I96; weisse I330p. 359, 36I-3f35; I334p. 330-4f23; Rohn, Thames; M.D. pl. 4I f19-24; Hall; Conn. B.D. p. 34-5f9; Amazon; Nylander, w. Dippel p. 5; Lagr. I373p. 30; I376p. 29; Prollius p. 60; Ebert, Cassel; K. & Z.p. I6-I f13; M.T.P. 3-4-I2; Kinnora; Atlas 49f27-29; V.H.S. pl. I0f5; Belloc, Luchon; T.B.C. I337p. 69-66fI; Hoffmann, Marburg; Spamer, Duren; wolle pls. I4f3, 4; I9f13; Perag. p. 60; Herib.p. II5: (Neidium: -

Pinn.; -N. affinis, v., & indus, v.: -N. amphibiae, firma, punctata.)--

\* v. major, Herib.p. II5:

AMPHISBAENA, Bory, Encyclop. Meth. I324; Turpin, Diet. class. pl. I-2f2, 9; E.

W. pl. 5-18:

+ anglica, Cl. 1895 p. 11; Star. 2p. 22: - [Cl. gastrum, v. anglica.]

> " var. minuta, Cl. Star. 2p. 22:

> " v. pubescentia, Gn.-Cl. Star. p. 22:

Abh. Ber. 1330p. 110: 1370pls. 2-If31; 3-If20; Inf. p. 173-13f7; Amer. pls. 3-If2; 3-2f2; p. 129pl. 4-If3; Mik. pls. 2-3f13; 5-3f13; 7-2f5; 7-3a, 13; 8-3f3; 10-If7; 37-If13; Nord. p. -2f33; 1889. Alg. 1. 430-10215; V. B. 1. 95-3f41, 42; K. S. A. p. 75; R. S. D. p. 40-6f66; Marissal; S. B. D. 1. 31-17f147 Prit. p. 339-7f72; 9f141; Grun. 1330p. 534-2f33; 1373p. 13; Lewis, N. & R. S. p. 71; weisse 1360p. 359-3f37; 1364p. 360-4f26; Hall; Herib. p. 32; R. E. D. p. 191; Roper, Thames; Donk. B. D. p. 33-5f13; Carr. p. 104; Cl. 1333p. 227; Vega p. 465; 1391p. 35; Eiber, 1371; O'M. I. D. 1. 333-3f13; Prollins 1. 33; Pet. liste p. 19; Br. Alp. 1. 72-7f17; Danf. 1. 27; Tanaka 1370p. 34, 115e; Sm. Sp. 1. 245; M. T. P. 3-3-11; V. H. S. p. 102-11f7; T. No. 130; Herib. Cassal; Belloc, Luchon; Hoffmann, Marb.; Spamer, Duren; Lagr. 1334p. 43; Delogne; T. B. C. 1337p. 70-6f3; Perag. 1. 30; Wille 1. 10f23; Herib. 1. 110; Del. S. p. 144; Rabh. Alg. Eur. No. 312; (Caloneis; -

Cymbella; -Frust. cuspidata & depressa; -N. ventricosa; -Pleurosiphonia.) -

- forma major, H. V. H. S. p. 102-11f4;
- var. "b" subsalina, S. B. D. 1p. 51-17f147b; Eiber, 1371; V. H. S. p. 3-4-13; Sm. Sp. 1. 246; Prollins 1. 34; V. H. S. 1. 102-11f6; Perag. p. 30; Cl. 1391p. 35; (Caloneis a. var. subs.; -Nav. s.) --- 11f6; T. #131;

- var. "g", S. B. D. 2p. 92; M. T. P. 3-3-12;

- v. Fenzlii, Grun. -V. H. S. p. 102-11f4; Cl. 1391p. 35; Del. Syll. 1. 144; (Caloneis a. var. F.; -Nav. F.) - 11f5;

- v. fuscata, Schum. -Cl. 1330p. 31-1f27; Vega p. 465; Del. S. p. 144; (Caloneis a., var. f.; -Nav. f.)

AMPHISPINAENIA, E. -Amer. p. 129; Mik. pls. 9-1f16; 17-2f16; Abh. B. 1370p. 2-1f35; K. B. p. 93; K. S. A. p. 73; R. S. D. p. 37; Prit. p. 905; Nylander, W.: (N. amphirrhynchus & cuspidata; -Pinn.) - 14f25;

AMPHISTYLUS, K. S. A. p. 75; Prit. p. 901; Del. S. p. 190; (Pinn.) -

AMPHORA, E. -Abh. B. 1331p. 30; Inf. p. 133-14f3; Prit. 1352p. 1. 3f155; -(Frust. & Amphora ovalis; -Frust. copulata; -Caloneis amphib. var. Fenzlii.)

AMPHORA, Brun 1391p. 32-15f3; (Alloioneis)

AMPHOROIDES, O'M. -M. J. 1367p. 116-5f6; 1331p. 141; Del. S. p. 102;

AMPLIATA, E. -Abh. B. 1342p. 337; Mik. pls. 15-A, 1f32, 35; 17-2f17; Prit. 1. 902; Carr. p. 105; Atlas 49f4, 5; Herib. 1. 116; -(N. affinis; -N. medium minor, v.)

v. minor, Perag. & H. -Herib. p. 116;

ANDERSSONI, Cl. -M. L. V. D. 1. 11-3f38; Del. S. p. 16; (Caloneis.)

ANDESITICA, Part. 2p. 42-27f390; Del. S. p. 33;

ANGELORUM, Cl. -M. L. K. D. 1. 3-2f20; Wille 1. 11f3; Del. Syll. 1. 100;

(Nav. excavata.) - - -

ANGLICA, Ralfs, Prit. p. 900; Schum. H. T. p. 63; Donk. B. D. p. 35-5f11<sup>2</sup>; R. E. D. p. 193; O'M. I. D. p. 414-34f24; Sm. Sp. 1. 247; A. J. M. 1373p. 135; V. I. S. p. 37-3f29, 30; T. No. 99; Cl. 1331p. 9; 1391p. 32; Wille 1. 10f1; Perag. 1. 30; Lake Michigan; Malaisie; Herib. p. 102; -(N. tumida, W. S.; -N. placentalis, v.)

v. subericiata, Grun. -V. H. T. No. 99 sub; Cl. Nav. 2. p. 22;

v. subsalina, Grun. -V. I. S. pl. 3f31; -(var. subsalsa)

ANGULATA, Bennett, Microsc. 1343p. 433-3f4-7; (N. Thuringiaca; -Pleurosiph.)

ANGULOSA, Grun. -T. M. S. 1353p. 42-5f3; Prit. 1. 905; Carr. p. 107; Donk. B. D. p. 23-4f4; R. E. D. 1. 173; Sch. N. D. 1. 2f19; O'M. I. D. p. 354; Geny Polak

p. 16; Perag. 1. 53; Villef. 1. 43; -(N. pal. obialis, v.; -Pinn. seri; Lena.) - -

v. angustior, Grun. -T. M. S. 1353p. 42-5f3x; R. E. D. 1. 177; (palpe ralis v. seri)

v. angustior, Grun. -T. M. S. 1353p. 42-5f3x; R. E. D. 1. 177; (palpe ralis v. seri)

v. angustior, Grun. -T. M. S. 1353p. 42-5f3x; R. E. D. 1. 177; (palpe ralis v. seri)

v. angustior, Grun. -T. M. S. 1353p. 42-5f3x; R. E. D. 1. 177; (palpe ralis v. seri)

+ anthracis, Cl. Nav. 2 p. 19:

apiculata, for. minima, Atlas 46 f 58:

apis, K.. Petit, Cap Horn:

appendiculata, A. Schulz, 1852 p. 89-7 f 3:

+ approximata, Cl. Nav. 2 p. 62: - (K. Hen. v. Kiacensis) -  
" V. Couperi, Bailey - Cl. Nav. 2 p. 63: - (Pinn. C. pp.) -  
" V. Kottuniana, A.S. - Cl. Nav. 2 p. 63: - (Nav. Kitt.) -

Wells, L. 1954;

(Nav. fl.)

(Pinn.)

( PLATE . ) -

(Brachysira a.; -N. brach.)

*Pinn. a. b. o.*: — (N. & Cymbella

(N. obtusa, L.)

*V. strobiliformis*, A.S., Atlas 260, 21; 261, S. 1.00.

areschougiana. Guin. 1860 p. 121-123

AQUITANIAE, H. & Per. - Herib. p. 31-2f4; Cl. Nav. 2p. 24.

ARABICA, Grun. - Atlas 3f13, 14; Del. Syll. p. 126; Cl. Nav. 2p. 24.

ARADINA, Pant. 3p. 2. - 30f424; - (N. transiens, var.) -

ARATA, Grun. Pant. 3p. 2. 3f342; Del. S. p. 113; Cl. Nav. 2p. 24; (N. ...)

ARCHERIANA, O'M. - Q.J.M.S. 1374p. 260-3f9; I.B. p. 393-33f23;

Del. S. p. 74;

(N. Donkinii, A.S.) -

~~ARCTA, Pant. 3p. 2. 23f342;~~

ARCTICA, Cl. 1373p. 16-3f13; Vega p. 473; M.J. 1374p. 253-3f1;

Cl. & M. 57; Del. S. p. 101; Cl. Nav. 2p. 24; (N. ...)

(Amphora; Stauroptera; -A'prora. lepidoptera & obtusa.) -

ARCUATA, Pant. 3p. 2. - 3f97;

ARCUS, E. - Beitr. 1334p. 120; Inf. p. 132-2f10; Mik. pl. 4 - 1f22;

(Ceratoneis; -Eunotia; -Synedra gibba.) --

ARENARIA, Donk. - M.J. 1361p. 10-1f3, 9; Donk. B.D. p. 56-3f5; Breb. D.C.; R.

E.D. p. 177; O'M. I.D. p. 411-34f17; Atlas 47f33-41; Sm. Sp. 1. 250; Malaisie

Lagr. 1376p. 34; Dannf. p. 27; Fortm. Cey. p. 23; Villef. p. 46; Pant. 2p. 42;

(N. lanceolata, v.) --

~~ARENA~~ V.H.S. Kl. 8f18:

ARENARIANFOKITS, Pant. 2p. 42-3f140; Del. S. p. 65; Cl. Nav. 2p. 24;

ARENICOLA, Grun. 1362p. 149-30f76, 77; Pant. 2p. 42-26f385;

Del. Syll. p. 54; Cl. Nav. 2p. 24; -

(A'prora., breb.)

ARENICOLA, Grun. 1360p. 521-1f23; Cl. 1363p. 225; R.E.D. p. 207;

Del. S. p. 34;

ARRANIENSIS, O'M. I.D. p. 395-33f12;

(Diploneis nitescens.) ---

ARVERNA, H. & Per. - Herib. p. 105-4f19; Cl. Nav. 2p. 24;

ASPERA, E. - Mik. pl. 35A-20f5; Donk. B.D. p. 32-10f1; Fortm. Cey. p. 23; Atlas

43f2-6; Deby Polder p. 17; Cl. & M. 100: Cl. 1373p. 3; Vega p. 497, 505,

510; V.H.S. p. 94; T.B.C. 1367p. 70-36f3; Villef. p. 35; Wille pl. 20f4;

Malaisie; Del. S. p. 109; (Trachyneis a., & var. pulchella; -

Pinn.: -Stauroneis (Stauroptera) achmanthes, a., & pl. chella.) ---

var., Cl. & M. No. 23:

v. Hungarica, Pant. 2p. 42-10f130; Del. S. p. 110; -(Trachyn. a., v. interm.)

v. intermedia, Grun., Atlas 43f14, 15; Grun. 1334p. 36-1f20; J.Q.C. 1335

p. 166; Del. S. p. 110; (Var. Kitt., p.p.: -Trachyn. a., var.)

v. Kittoniana, Del. Toni, Syll. p. 110;

ASPERULA, K.S.A. p. 71; Prit. p. 904; Del. S. p. 146;

(Pinn.)

ASYMMETRICA, Cl. Vega p. 463-33f27; Del. S. p. 63; Pant. 3p. 2. - 7f110;

Cleve Nav. p. 129; - (N. transiens, f.p.) -

ATOMOIDES, Grun. - V.H.S. p. 107-14f12; Del. S. p. 166; Herib. p. 120;

(Nav. minima, var.) --

v., cum mapis stauroneiformis, V. H.S. pl. 14f11a, 13, 14; -(N. minima, v.) ---

v. subserians, Grun. - V.H.S. pl. 14f11b;

ATOMUS, Naeg. - Grun. 1360p. 552-2f3a-f; Schum. 1364p. 21-2f24; 1369p. 33-

2f20; H.T. p. 70; V.H.S. p. 107-14f24, 25; T. No. 149; Gallia, Papan; Perac.

p. 59; Bellec, Lichon; Del. S. p. 166; Herib. p. 120; Cl. Nav. 2p. 24;

(Amphora; -N. muralis; -N. oculata, v.; -Synedra.) --

ATTENUATA, K.B. p. 102-4f23; K.S.A. p. 36; Marissal; K. & Z. 1. 14-1f1;

(Frustulia; -Pleurosigma; -Sigmatella.) --

> australica, a.S. cl. Nav. 2p. 61: (N. Couperii, p.p. :  
N. lym. var.)

Bahisiensis,

"v. Istriana (m. cl. Nav. 2) p. 4; - (N. minuscula, v.)



ANGLANDICA, Grun. I333p. I5I-I4fI4; I333p. I3; R. d. D. I. 227; M. J. I374.

230-3fI2; Cl. I33Op. 33; Navic. p. I53-5fI5; Det. Syll. p. 30:

AULACOPHANA, E. - Mik. p. 356; Prit. p. 9II; Det. Syll. p. I39:

AUSTRALIS, E. - Det. Syll. p. I92: -(Pinn.; -Trachyneis velata.) ---

AVENACEA, Breb. in litt.; Fresenius Senk. Vol. 4, p. 69-4f29xxx; Gombimara

Algae I06: Grun. I373p. I5-4f23; Oeschke I877p. 319; Cl. I33Op. 34:

(N. viridula, v.; -Pinn. radiosa, v.) -- Cl. Nav. 2p. 15.

BACCATA, Br. - Br. & Temp. p. 42-5fI0; Det. S. p. I23; Cl. Nav. 2p. 45:

BACILLARIS, E. - Det. Syll. p. I9I - (Pinnularia.) ---- Grun., M. J. I353p. - 3f24

D. Ex. No. 52; Hull; Arenig Bach; Lake Michigan; Herib. p. II7:

(Caloneis b.; -N. bacillum & fontinalis.)

. v. inconstantissima, Grun. - V. H. S. pl. I2f23; (Caloneis fasciata.)

. v. thermalis, Grun. - V. H. S. pl. I2f27; Type No. I39;

BACILLIFERA, Pant. 2p. 42-5f30; Det. S. p. 93:

BACILLIFORMIS, Grun., V. H. S. pl. I3fII; Cl. I33Op. 44-2f3I; I39I. 33; Det.

S. p. I6I; Pant. 3p. 2. - 3f49; Herib. p. II7: (N. laevissima, p. p.) ---

Cl. Navic. p. I3I;

BACILLUM, E., ~~Pogge~~ I339p. I30: :: Diadema b.; ----- Amer. p. I20, pl. 4(5) f

3; Mik. pls. 2-2fI4a, b; 4-IfII; 7-IfI0a, b, I5a, b; I5(A)f33; I9f33; 3If

20; 37-3f3; 37-IfI4; 33A-20f3a; 39-3f3I; Nord. p. - 2f33; K. B. p. 93-23f

69; K. S. A. p. 77; A. J. S. I35Ip. 46; Weisse I35Ip. 273-If3; I354p. I07-IfI3;

R. S. D. p. 33-3f76; M. J. I353p. 7-If4; S. D. D. 2p. 9I, I03; Sur. & LaCoste

p. 42, No. 2254; Grun. I33Op. 55I-2fI; Prit. p. 907; Herib. p. 35; B. J. N. I. 26I,

p. 335- f20; Carr. p. I06; Schum. H. T. p. 75-4f59; S. G. I367p. I53, fI54; R.

E. D. p. I35; Nylander, w.; Hull: O. M. I. D. p. 35I-30f29; Gallik, Papar; Brun

Alp. p. 7I-7f9; Amazon: Lagr. I373p. 30; Malaisie; Petit liste p. 20; V.

H. S. p. I05-I3f3; Tanarek I379p. 36fI6c; Belloc, Lichon; Cl. I33Op. 44-2f

50; I39I. 33; Nav. p. I37; Petit, I333; Strose Kleiken p. I0-If3; Spamer,

Duren; Perag. p. 59; Hoffmann, Marburg; Wollé pl. I0f29, 30; Herib. p. II7;

Det. S. p. I60: Cl. I895p. 14; Nav. 1p. I37:

(Caloneis fasciata; -Frag.; -N. laevissima, p. p., & bacillaris.)

. var. "b" Gregoriana, R. bh. E. D. p. I36; Cl. I33Op. 44; Nav. p. I37;

Det. Syll. p. I60;

. var. "b" inflatula, Strose Kl. p. I0-If9: (N. pseudo-bac.) --

. v. lepidia, Greg. - Cl. Nav. p. I37-5fI4; (Nav. lep.) ---

. v. Mexicana, Grun., Cl. I33Op. 44; Nav. p. I37; Det. S. p. I6I:

. forma minor, H. V. H. S. p. I05-I3fI0; Herib. p. II7; Cl. Nav. p. I37;

Det. Syll. p. I6I:

BACULUS, Cl., Vega p. 474-37f5I; Det. S. p. I38: -(Stenoneis inconspicua, v.)

BAHUSIENSIS, Grun. I334p. 5I; Det. S. p. I7I:

(N. minuscula, v.) -- Cl. Nav. (2) p. 4:

. v. Arctica, Grun. I334p. 52-If43; Det. S. p. I7I: Cl. Nav. (2) p. 4.

BAILEYANA, ~~Grun.~~ - A. Schm. N. D. p. - If3I; Atlas 6f23, 27; Wollé pl. 24f3, 4;

Cl. Vega p. 5II; Per. Villef. p. 47: (N. polysticta, Grun.)

BALEARICA, Cleve Navic. p. III: (Stenoneis b.)

BALTICA, E. - Abh. B. I33Op. II4; Inf. p. I30-I3fI0; K. B. p. I0I-4f32; K. S. A. I.

33; Cole, Essex; Westendorp, G. - weisse Gr. p. 307: -(Gyrosigma; -Pleurosigma)

\* Reyrichiana, Petit - p. 11 - 12

- BARBADENSIS, E.-Prit.p.911: Del.S.p.133: (Pinn.)
- BARBITOS, A.S., Atlas 129f5: *Cl. Nav. 2p. 56:*
- BARKLAYANA, Grun. D.C. 1.3-1f9; Breb. D.C. 1.22; Prit.p.903; Ew.N. 1.11. 3f25; R.E.D.p.201; Malaisie; -(N.palpebralis, v. ~~2~~)---
- BARKERIANA, O'M.-M.J. 1375p.410; I.D.p.362-31f16; Del.S.p.147; (N.subsalina.)
- BARTHOLOMEI, Cl. 1373p.3-1f5; M.J. 1373p.510-44f5; Atlas 160f9: (Caloneis Powellii, v.; -Dictyoneis.)
- BASALTAEPROXIMA, Brun & Per.-Herib.p.39-2f5a, b; *Cl. Nav. 2p. 56:*
- \* forma bigibba, Br. & Per.-Herib.p.39-2f5c;
  - \* forma recta, Br. & Per.-Herib.p.39-2f5d;
- BASILICA, Brun 1391p.32-15f14; Pant.3p7-3f129: (Diploneis b. & gemmata: *Nav. gastrum, v. Len.*)
- BAUMLERI, Pant. Ip. 32-12f103; 2, p.42; *23f347;* Notar. 1338p.470; Cl.Nav. 1.134; Del.Syll.p.122;
- \* v.interrupta, Pant. Ip. 32-12f103; Cl.Navic.p.134;
- BECCARIANA, Grun.-Flora Bogosensis p.153-1f5; Notar. 1338p.194; Del.S.p.113: (Caloneis.)-
- BECKII, Pant. 2p.42-11f133: Del.S.p.49; *Cl. Nav. 2p. 56:*
- BENGALENSIS, Grun.-Atlas 6f1, 2; Del.S.p.126; -
- BETA, Cleve Nav.p.135-5f30;
- BEYRICHIANA, A.S., Atlas 39f13, 17; J.Q.C. 1335p.167; Villef. 1.52; Pant. 1p. -3f31; 2, p.42; Malaisie; Del.S.p.30: -(Diplon.gemmata, "b".)-
- BIBLOS, Cl.-LeD.Vol.2p.77-12f9, 10; (Libellis; -Stauroneis.)--
- BICAPITATA, Lagr. 1373p.23-1f5; O'M.I.D. 1.352-30f32; Lake Michigan; V. H.S.p.73-6f14; T.No.67; Cl. 1331p.5; Vega p.491; Truan 1335p.40-1f24; 2f7; Herib.p.93; Del.S.p.27: -(P.inte. & forma biceps: - (N.dicephala, E.: -N.mesolepta; -Pinn.)---
- \* v.constricta, O'M.I.D.p.353-30f34;
  - \* v.crucifera, O'M.I.D.p.353-30f33;
  - \* v.hybrida, Grun.-V.H.S.pl.6f9; Herib.p.94; Del.S.p.23: (Pinn.microstauron.)---
  - \* v.major, Dickie & Grun.-Amazon:
- BICEPS, E., Amer.p.130pls.2-3f3; 3-1f13; Mik.pls. 1 5-3f7; 3-1f21; 10-1f3a-d: 15(A)f40; 17-1f13; 33-7f15; K.B.p.93-23f51; K.S.A. 1.75; R. S.D.p.40-6f49; Prit.p.900; R.E.D.p.195; Schum. 1334p.21-2f36; Prollis p.61; Atlas 45f31-34, 39; 49f52; Nylander, w.; Sm. Sp. 1.251; Hoffmann, Marb.; A.J.M. 1373p.135; Amazon: Herib.p.94; Del.S.p.32: *A. biceps, Grun.* (N.bicapitata & fulva; -N.rhynchocephala, v., & sphaerophora, *var. (biceps)*)
- BICLAVATA, Cl. & Grun.-LeD.Vol.2p.66-10f7: (Caloneis.)
- BICONSTRICATA, Grun. & St.-J.Q.C. 1337p.132-10f9; Notar. 1337p.352; Del.Syll.p.15: (Caloneis.)----
- BICUNEATA, Grun. 1330p.546-1f4; Cl. 1333p.227-4f3, 4; R.E.D.p.206; O'M. I.D. 1.365-31f4; Malaisie: (N.maxima, *var.* (Caloneis) libera, v.)-
- \* v.minor, Grun. 1373p.15-4f22; 3f3; Hlogel, Baltic; Fortm. Cey. 1.24: (Nav.trochas, var.)
- BICUSPIDATA, Cl. & Grun.-N.L.K.D. 1.10-2f25; Del.Syll.p.35: -(N. *var.*)
- BICURVATA, O'M.-M.J. 1372p.419; Del.Syll.p.137:

> bifissa, A.S. - atlas 212 f 33, 39;

+ bituminosa, Pt. -

|| var. cincta, Pt. - Cl. Nav. 2p, 67: - (N. cincta.)

|| " valida Pt 2pl, Jf 89;

+ blanda

> " " A.S. - atlas 212 f 14:

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- BIERONS, E.-Abh. Ber. 1330p. 115: Inf. 1. 135-14f2: Mik. 1. 15. 17-1f14;  
17-2f1: (Sarirella b. & craticula.)
- BIGLOBOSA, Schum. 1357p. 57-2f43; Det. S. p. 31: (Pinn. brevistriata.)
- BILINEATA, Schum. 1362p. 133-3f49; R. E. O. p. 137: Det. Syll. p. 157;
- BILOBATA, Fortm. Cey. p. 24-2f24: *Cl. Nav. 2p. 46:* (Dietyoneis.) ---
- BIMACULATA, Pant. 2p. 42-23f346; Det. S. p. 120: -(Caloneis Sandoensis, "b".)
- BINARIA, A. S., Atlas 12f62; Det. Syll. p. 35: (Diploneis.) -
- BINODIS, E.-Abh. Ber. 1340p. 13; K. B. p. 100-3f35; K. S. A. p. 32; R. S. 2p. 41-5f  
5: S. B. O. 1. 53-17f159; Grun. 1350p. 55f-2f42; Prit. p. 393; Heib. p. 32; R.  
E. O. p. 203; Bleisch, 1363; Hull; Schum. H. T. p. 77-4f60; Cl. 1368p. 227;  
Vega p. 491; Navic. p. 129; Gallik, Papan; Carr. p. 105; Donk. B. O. p. 33-6f3;  
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p. 63-7f13; V. H. S. p. 103-B, f33; Hoffmann, Marburg; T. B. C. 1337p. 71-35f7;  
Spamer, Duren; Perag. p. 60; Belloc, Lichon; Wolle pl. 17f23; Det. S. p. 165;  
Herib. p. 121: - (Fragil.; -Diadesmis biceps; -N. librillaris (juvenis). ---  
" v. laticeps, Gutw. latrens p. 6, No. 32; Det. Syll. p. 165:
- BIOCULATA, Grun. -Wolle pl. 12f13; Det. S. p. 94: *Atlas 70f9:* (Diploneis.) -  
" var., Grun., Atlas pl. 70f8, 10:
- BIPECTINALIS, Schum. 1367p. 57-2f41; Det. S. p. 37: (N. borealis, v.)
- BIPUNCTATA, Bory. -(Det. S. p. 24): --- (Ad N. Brebissonii sistit.)
- BIPUNCTATA, O. M. -M. J. 1372p. 286-13f5; V. H. S. 1. 13f7; Heaw. 1372p. 154;  
Det. S. p. 73: (Pinn.; *Monomacra*?)
- BIROSTRATA, Grun. -M. J. 1355p. 30-4f15; S. B. O. 2. 102; Prit. 1. 900; Grun.  
1363p. 151; M. J. 1363p. 151; Carr. p. 105; R. E. O. p. 194: (N. cuspidata v. ambigua; -N. Quarnerensis.) ---
- BIROSTRIS, E.-Ralfs, Prit. p. 902; Det. S. p. 136: (Pinn.) ---
- BISCALARIS, Breb. -S. B. O. 2p. 65: (Mastogloia Smithii.)
- BISERIATA, Petit Cat. p. 23-4f15; Heaw. 1373p. 129; Det. Syll. p. 175;  
J. R. M. S. 1373p. 241-14f15; (Diploneis.) ---
- BISULCATA, Lagr. 1373p. 31-1f3; Atlas 49f15, 13; Cl. ~~1373p.~~ 1543; Heib. 1.  
117; Det. S. p. 150: *Vega* (Neidium.)
- " forma major, H. & Per. -Herib. p. 117:
- " var. "b" turgida, Lagr. 1373p. 32-1f9; Det. S. p. 151:
- \* BITUMINOSA, Pant. 2p. 42-7f137; Det. Syll. p. 65: *Cl. Nav. 2p. 67:*
- " v. latecapitata, Pant. 2p. 43-7f133; Det. S. p. 65: *Cl. Nav. 2p. 67:*
- " v. robusta, Pant. 2p. 43-11f202; Det. Syll. p. 65: *Cl. Nav. 2p. 67:*
- " v. signata, Pant. 2p. 43-5f39; Det. S. p. 65: *Cl. Nav. 2p. 67:*
- " v. staurophora, Pant. 2p. 43-5f37, 33; Det. S. p. 65: *Cl. Nav. 2p. 67:*
- BIVITATA, Pant. 2p. 43-5f33; Det. S. p. 120: (Caloneis; -N. Oregonica, v.)
- BLANDA, A. Schm. N. D. p. 90-2f27; Lagr. 1376p. 31; Cl. Vega p. 497;  
Det. Syll. p. 176: *Atlas 212f15:* (Caloneis.)
- > BLEISCHIANA, Jan. & R. p. 9-2f10; R. E. O. p. 223; Atlas 50f22-25; Matsushima;  
Fortm. Cey. p. 24; Wolle pl. 13f9; Det. S. p. 156:  
(Caloneis liber, v. Bl.; -Nav. excentrica.)
- BODOSSENSIS, Pant. 3p. 7. -3f35; (Caloneis; -N. trochas.) ---
- BOECKII, Heib. p. 35; Sm. Sp. 1. No. 232; A. J. M. 1373p. 155;  
Wolle pl. 25f3, 9: (Brebissonia; -Cocconeia; -Doryphora.) ---
- BOGOTENSIS, Grun. -Eil. Sp. 1. No. 62; Sm. Sp. 1. No. 631; Atlas 44100-62;  
Det. S. p. 61; Herib. p. 95: (*Pinn 13*) ---

*Bohemica*, var. 49 f 44, 45:

+ Balkanica, Oestimp 1897 p. 320:

+ Bohemica,

> " forma tropicalis, Bn. - L. D. 2, 70. 22 pt. 22 f/8:

*Borealis*

11 vars., Atlas 45 f/15-18; 21

brachysira, in V.H.T. 39

- BOHEMICA, E.-Mik. pl. IO-If4a, b; Prit. p. 397; Schum. I3321. I32-3f40; R.E.  
 \* D. p. 224; M. T. P. 3-3-20; Atlas 49f43-45; <sup>1836</sup> ~~1836~~ Schum. I3321. p. 37-41  
 IO-I3; Amazon; Dannf. p. 29; Woll. pl. 9f46;  
 (Anomalonis; -N. Phoenicenteron, scyllita & cinerea.)--  
 + BOLLEANA, Grun.-Cl. Vega p. 439; <sup>Nov. 2 p. 25</sup> ~~Nov. 2 p. 25~~; (M. ~~1836~~ (Rhodocentrus.)--  
 BOMBIFORMIS, A.S., Atlas I3f13; Malasia;  
 BOMBIDES, A. Schum. N. D. 1. 35-If2; Atlas I3f33-33; Forum. Cay. 1. 24; V. 1.  
 S. p. 98-B, f19; J. Q. C. I335p. I36; Cl. Vega p. 471; Villef. p. 52; Brun &  
 Temp. p. 72; Del. Syll. p. 71; Herib. p. I03;  
 \* v. media, Grun.-Cl. I330p. 4I-3f54; Nares p. ; Vega p. 471; Woll. pl.  
 I2f17; Del. S. p. 71; Herib. p. I04; (Diploneis entomon; -N. Budyana.)--  
 \* v. minor, H. & Brun.-Herib. p. I04;  
 BOMBUS, E.-K. S. A. p. 33; Greg. D. C. 1. I2-IIIf12; Prit. 1. 395; Jan. & R. 1. IO-  
 2f3; Carr. p. I05; Hall; Cl. I3371. 335; I333p. 225; I3731. I5; Vega 1. 471;  
 Donk. B. 3. 1. 50-7f7; Breb. Varm. 1. IO; R. E. D. 1. 204; Billef. Baltic; O. M. I.  
 D. p. 401-53f23; Dannf. 1. 30; Lagr. I3731. 33; Atlas I3f4-9; 39f23, 29; V.  
 H. S. 1. 90-B, f22; Grun. I373p. I2; Brun & T. 1. 72; Woll. pls. I0f47; 23f3;  
 Perag. 1. 30; Villef. 1. 52; Malaisia; Pant. 2, p. 43; Del. S. 1. 73; +  
 (Diploneis; -N. didyma & gemina; -Pinn. b. & gemina.) <sup>Reiche, Can. 1836</sup>  
 \* v. densestriata, A.S., Atlas I3fII, I2;  
 \* v. sp. 1836, A.S., Atlas I3f10;  
 BOREALIS, E.-K. B. 1. 96-23f68, 72; K. S. A. p. 77; Grun. I330p. 5I3; I333p. I7;  
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BRAUNI, Grun., V.H.S.p.79-3f2I; Cl.I33Ip.3; Amazon; Kinnora; Wollé  
 pl.63fI3; Del.Syll.p.3I: - (*Pinn. Braunii*)

BRAUNIANA, Grun.-Atlas 45f77, 75: Amazon: - (*N. alisaria: Pinn. Braunii*) -

BREBISSONI, K.B.I.93-3f49; 30f39; K.S.A.I.72; R.E.C.I.33-3f54; *Atlas*  
 I360p.359-3f13; Grun.I360p.5I9; Prit.p.397; Schum.I360p.24;  
 I360p.35; Cl.I367p.335; I360p.224; I360p.4, 3; Lagr.I373p.27-1f2; Sm.  
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*bipunctata; -Cymbella marginata; -Pin.B.& stauroneiformis; -Stauroneis*)  
*Pin. Stauron. -*

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v.angustata, Grun.I360p.5I9-3fI3; Petit liste p.2I; Schum.I360p.  
 36; O'M.I.D.p.350-30f25; Del.S.p.24;

v.bicuneata, Grun.-V.H.Type No.59;

v.diminuta, Grun.-V.H.S.p.77-5f3; Del.S.I.24; Herib.p.33: *Cl. Nav. 2p. 48:*

v.elongata, H.& Brun.-Herib.p.39:

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v.ovalis, Per.-Atlas 44fI7; Herib.p.33:

v.subproducta, Grun.-V.H.S.p.77-5f9; Del.S.p.24; Herib.p.33:  
 (*Pinn.microstauron.*)---

v.subcuneata, Grun.-V.H.Type No.I22 sub;

BREVIS, Greg.D.C.p.6-If4; Prit.p.399; Carr.p.I04; Donk.B.D.p.I9-3f4;  
 Cl.I363p.227; I360p.30; R.E.C.p.I92; A.Schm.N.D.p. -2fI5; ~~Atlas 2f~~  
~~I4, I5~~; Lagr.I373p.4I; V.H.S.p.97-IIIfI9; Wollé pl.IOf7; Perag.p.60;  
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var."a"vexans, A.Schm.N.D.p. -2fI4; Lagr.I373p.42; Cl.I360p.30;  
 Vega p.465; Del.S.p.I23: (*Caloneis b., var.*)--

var."g"distoma, Lagr.I373p.42; Cl.Vega p.465:  
 (*Caloneis b., var.; -N.distoma & var.*)--

v.elliptica, Grun., V.H.S.p.97-IIIfI3; Wollé pl.IOfI7; Del.S.p.I23;

BREVISIRIATA, Grun.-V.H.S.p.73-3f5; Herib.p.95; - (*Pinn.; -N. alisaria*)--

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BULLATA, Norman.-I.M.S.I33Ip.3-2f7; Prit.p.933; R.E.C.p.I79; Malaisie;  
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v.carinata, Cast.I337p.29-23f7; (*N. carinata, v.*)

v.Molleriana, A.S., Atlas 3f3; 70f5I, 52; - (*Spect.*)

v.obtusa, Cast.I337p.29-23fI0; - (*Spect.*)

v.rhomboidea, Cast.I337p.30-30f7; - (*N. carinata, var. +*)

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" *V. retusa*, Breb. - Cl. Nav. 2p. 30: - (*V. retusa*; *V. canes* v. Schim.  
*retusa*, v. *subretusa*.)

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(Cymbella; -N. appendiculata, v.)----  
CEYLANENSIS, Fortm. Cey. p. 26-2f25; *Cl. Nov. 2 p. 46*: - (Dietyoneis Jamaicensis.)?  
CHALLENGERI, Grun.-Cl. 1330 p. 64; - (A'prosa; -Tropidoneis antarctica.)---  
CHARONIS, E.-Abh. Ber. 1345 p. 239; Mik. pl. 35B-4b, f12; Prit. p. 901:  
R. E. D. p. 224; Det. Syll. p. 132;  
CHERSONENSIS, Grun.-Atlas 12f40; ~~1373 p. 5~~ 174f14, 16; Wollf 15f19;  
Det. S. p. 34: (Diploneis.)---  
CHILENSIS, K. B. p. 97; K. S. A. p. 79; Grun. 1360 p. 513; Prit. p. 907-12f33;  
Det. S. p. 65: (Pinn. -- non Bleisch.)---  
CHIMDANA, O'M. - N. J. 1372 p. 235-13f1; Det. S. p. 179; 184w. 1372 p. 153;  
CHYZERI, Pant. 2 p. 43-5f93; Det. S. p. 30: *Cl. Nov. 2 p. 68*: - (N. viridis, p. 1.)---  
CILIIATA, Corda.-Almanach Carlsbad; Meneg. A. N. D. p. 375:  
(Cocconeoma gibbum; -Epithemia.)----  
CINCTA, Pantocsek 2, p. 44-IIIf196: (N. pseudo-cincta.)-----

+ Cincta, G. - Cl. Nav. (2) p. 16:-

(? Heupleri:-

" var. Cari. G. - Cl. Nav. (2) p. 17:- (Nav. Cari.)

" v. angusta, G. - Cl. Nav. (2) p. 17:- (St. ang.; - St. cari, v. ang.)

7 circumvallata as. atlas 212 f 48:

+ clavata, -(N. Kennedy: v. clav.:-

" var. Indica, Grev. - Atlas 204 f 12:- (N. Indica? N. hibernica:)  
Cl. Nav. 2p. 62:- (N. Indica var. gran. -)

" " Exsul, R. S. - Cl. Nav. 2p. 61:- (Nav. Ex.) -

" " Proxima, Jav. - Cl. Nav. 2p. 62:- (Nav. Proxi.) -

Clementis, Cl. Nav. p. 24:

+ Centhensis

+ " var. Fimmarchica, Petit, Cap Horn: N.S. K. p. 10:-

- CINCTA, E.-Ralfs, Prit.p.90I: Eiben, I37I; Dannf.p.23; Cl. & M.No. I06:  
Sm.Sp.T.256; A.J.M. I373p. I36: V.H.S.p.32-7fI3, I4; T.Nos.32, 33; Defl.S.p.39; Herib.p.93; *Cl. 1875 p. 111*; (Pinn.H.)--
- forma minuta, H.V. I.-DeLong, Syll.p.40:  
v. *Heufleri*, V.H.S.p.32; Defl.S.p.40: *Cl. Navic. p. 16*; (N. & Pinn.H.)--  
v. *leptoccephala*, V.H.S.p.32; T.No.34; Defl.S.p.40; (Nav. I37I.)
- CIRCUMNODOSA, Grun. I39I p.33-I3I2; (Grun. I39I.)
- CIRCUMSECTA, Grun., Cl. I380p.42; Vega pp.505, 5II; wolle 9f27; Defl. Syll.p. I09; (N. Hibernica; -N. polysticta, v.)
- CISTELLA, Grev.-T.M.S. I363p. I9-I fI2-I4; R.E.D.p.227; Defl.S.p. I35: (Cocconeis glabrata.)---  
CITREA, A.S., Atlas 49fI2; Defl.S.p. I26; (Neidium.)
- CLANCULA, A.S., Atlas I2f33, 34; Defl.S.p.35: Sm.Sp.T.No.634: (Diploneis interrupta, v.)----
- CLAVATA, Greg. T.M.S. I356p.43-5I f7; Prit.p.393; Carr.p. I07; Donk.B.D.p. I5-2f3; A.Schm.N.D.p. -If33: Atlas 70f50; I29fI3; Fortm. Dej. p.25; O'M.I.D.p.336-32f23; Lagr. I373p.4I; Grev.Verm. p. I0; Cl. Vega p.495; Malaisie; Villef.p.43; *Cl. Nav. 2p. 61*; (N. Gregoriana, type <sup>p.p.</sup> Wrightii.)---  
v. *elliptica*, A.S., Atlas 3fI3; Cl. Vega p.5II:  
v. *Caribaea*, Perag. Villef.p.43; *Cl. Nav. 2p. 61*; (N. Caribaea, type <sup>p.p.</sup> Wrightii.)---  
v. *elongata*, Perag. Villef.p.43-5f37; *Cl. Nav. 2p. 62*:  
v. *rhombica*, Clave Navic. p. 4fII: 2p. 62: *4 form. minuta, Cl. Nav. 2p. 61*
- CLAVICULUS, Arnott in litt.:-(N. leptosoma):-----Grev. D.C.p. I3-If5a, b, c: Carr.p. I05; New Zealand; Schm.N.D.p.90-2f28; Lagr. I373p.45; Sm.Sp. T.No.634: Pant.2p.44; Defl.S.p.35; (Pinn.)--
- CLEMENTIS, Grun. I382p. I44-30f52; V.H.Type No.99; Defl. Syll.p.55:
- CLEPSYDRA, Ralfs, Prit.p.393--N. & Pinn. dissimilis):-----Donk.B.D.p.33-I0I2; M.J. I35I p.3-If3; Grev.D.C.p. I3; R.E.D.p. I3I; O'M.I.D.p.347-30I I3; Atlas 43f39; Sm.Sp.T.257; V.H.Type II5: Defl.S.p. I25; Malaisie; (Trachyneis clepsydra & Debyi.)---  
var., A.S., Atlas 43f33;
- CLEVEI, Lagr. I373p.34-IfI0; Defl.S.p. II2; (Caloneis.)--
- CLEVEIANA, O'M.I.D.p.409-34f3; M.J. I375p.4I4; (N. subelucta.)--
- CLOTHENSIS, Greg.D.C.p.6-If2; Prit.p.900-7f73; Carr.p. I07; R.E.D.p. I34; O'M.I.D.p.330-32f9; Lagr. I373p.45; Dannf.p.23; Cl. I380p.40; Vega p.47I; wolle 11. I3f27; Defl.S.p. I3I; (N. Clathrata, type <sup>p.p.</sup> Wrightii.)---  
v. *erythroea*, Grun. I350p.339-3fI7; M.L.K.D.p. I0; Defl.S.p. I3I; (Nav. p.p.)  
v. *Finnarchica*, Grun.-Cl. I380p.40-2f49; Vega p.47I; Defl.S.p. I3I; (Nav. p.p.)  
v. *maculifera*, Cl., M.L.K.D.p. I0-2f23; I39I p.33; Defl. Syll.p. I0I; (Nav. p.p.)  
v. *minuta*, Cl., M.L.K.D.p. I0-2f22; wolle I0fII; Defl.S.p. I3I; (Nav. p.p.)  
v. *producta*, O'M.I.D.p.330-32f9a; *Gr. 1874 p. 104*:
- COARCTATA, E., Abh. Ber. I342p.205: Atlas IIf30-32; 39fII; I74f22; Defl. Syll.p.34:-(Diploneis c.)
- COCCONEIFORMIS, Greg., M.J. I355p.3-If22; A.M.N.4. I355p.233-9f3; S.3.3. 2, p.92; Grun. I350p.550-2f9; Prit.p.376; Schm. I352p. I33-9f43; I35I p.20; I359p.33-2fI3; H.T.p.39; Carr.p. I06; New Zealand; Donk.B.D.p.22-3fII; R.E.D.p. I36, I39; O'M.I.D.p.370-3If36; Lagr. I373p.32-2f3; Cl. I38I p.5; I39I p.32; Kinnora; V.H.S.pl. I4fI; T.No. I40; Gallik, Papau:---

+ cactoniaformis, Greg. Cl. Nav. (2) p. 9:

Cactonia, 2. 622. 188-9 f 46:

> concilians, Cl. Nav. 2p. 54 f 15:

congrua, Jan. - Atlas 70 f 66:

> connectens, as. - atlas 212 f 34; Cl. Nav. 2p. 55: (N. lyra, v. con. Greg.)

> consanguinea, Cl. Nav. 2p. 53: A.S.N. D. p. - 2 f 32:

+ consors: Cl. Nav. 2p. 25:

(N. leudageri)



- + wolle pl. 10f14; Det. Syll. p. 163: *Cl. 1895 p. 12*: (N. carassius & 14 f22)  
 " var. "b", Rabh. E. D. p. 136:
- COCCONEIOIDES, ~~Rabh.~~ Ralfs, Prit. p. 900: (Pinn.)---  
 COCCONEIS, E. - De Toni, Sylloge p. 136: (Pinn.)  
 COERULEA, O'M. I. D. p. 353-3f15; Det. S. p. 133;  
 CONFIFORMIS, A. Schm. N. D. p. 88-1f22; 2f13; O'M. I. D. p. 397-33f13;  
 Det. S. p. 93: (Diploneis.)  
 " v. densestriata, A. S., Atlas 70f54; (Dipl. e., var. d.)---  
 " v. suborbicularis, A. S., Atlas 3f7; 70f53; -(Dipl. e., var. s.)
- COLLISIANA, O'M., I. D. p. 334-32f19; Det. S. p. 33:  
 COLUMNARIS, E. - Abh. Ber. 134p. 133; Mik. pls. 7-1f4; 14f23; Prit. p. 902:  
 Atlas 49f1; wolle 13f1, 3; 4f10, p. 113; Det. S. p. 131: *Pearl Lake 1892*  
 COMMIXTA, Breb. - (N. pisciculis, K. -)  
 COMUTATA, Grun. - Atlas 45f22-25, 35; <sup>17</sup> Bannt. p. 23; Cl. 133p. 4; Villota;  
 wolle 17f13; *Part. 3p. 34* (N. hemiptera; -N. villota, v. *hemiptera*)  
 COMOIDES, Grev. - Cl. Vega p. 475: (Schizonema.)  
 COMPACTA, Grev. - M. S. 135p. 11-3f3; Prit. p. 903; R. E. D. p. 201:  
 Det. Syll. p. 129:
- COMPAR, Jan. - Atlas 70f69; Det. Syll. p. 101: (Dipl.)---  
 COMPLANATA, Grun. - Cl. 133p. 42; Vega p. 473; Cl. Nav. p. 153 cum  
 iconibus; *Le D. 2, no. 22 p. 24-22f23*, (Amphora; -Libellus.)  
 " v. hyperborea, Cl. Nav. p. 153: (Amphora h.)---  
 " v. subinflata, Grun. - Cl. Navic. p. 153: -(Amphora s.)
- COMPLANATA, E., De Toni, Syll. p. 193: - (Pinnularia.) -  
 COMPRESSA, E. - Det. Syll. p. 193: - (Pinn.)  
 COMPRESSICAUDA, A. Schm. N. D. p. 91-2f35; Atlas 45f52; Lagr. 1373p. 31:  
 Brun & Tem. p. 72; Dew. S. p. 61: *Cl. Nav. 2 p. 33*
- CONCENTRICA, Bail. - A. S. S. Vol. 43p. 139-3f13-15: -(Goniothecium Rogersii.)  
 CONCINNA, Bailey Coll.: - (N. praetexta.) -  
 CONFECTA, A. S., Atlas 12f46; wolle 15f12; Det. S. p. 35:  
 (Diploneis eratio v. c.)
- CONFERVACEA, K. - V. H. S. pl. 14f36; Cl. Nav. p. 133: (Diaesmis.) -  
 " v. Hungaria, Grun. - V. H. S. pl. 14f38: --Var. peregrina): ---  
 " v. peregrina, Grun. - V. H. S. pl. 14f37; Cl. Nav. p. 133: -(Dia. p. & v. Hung.)
- CONFEDERATA, Part. 3p. -34f43I: *Cl. Nav. 2 p. 33* (N. Schultzei)---  
 CONJUGATA, Turpin Mem. Mus. Vol. 13p. 305-13f1: -(Fruct.)---  
 CONOPS, K. B. p. 100. K. S. A. p. 33; Prit. p. 393; Neup. Asat. p. 192-2f45;  
 Amazon; Det. S. p. 73: (Dipl.) -  
 CONSIMILIS, A. S., Atlas 2f46; Schm. N. D. p. 91-2f46; Lagr. 1373p. 45;  
 Det. S. p. 177: (Caloneis.) ---
- + CONSORS, A. S., Atlas 43f24-27; Cl. Vega p. 1505; Det. S. p. 94: (Caloneis.) ---  
 CONSPERSA, E. - Mik. p. 205; Part. 3p. -1f134; Det. S. p. 139: *Cl. Nav. 2 p. 33*  
 CONSPICUA, A. S., Atlas 43f12, 11; Det. S. p. 139, 190:  
 CONSTRICTA, E., Inf. p. 133-1f14; Mik. pl. 33A-17f13; Prit. p. 393;  
 R. E. S. p. 220: (Denticula; -Sarcinella.) --  
 CONSTRICTA, Grun. 136p. 535-1f13; R. E. D. p. 205; Fortm. Gey. p. 25; Bannt.  
 p. 34; Atlas 12f65; 59f42; V. H. Type 100; Villota p. 52; Det. S. p. 77:  
 (Caloneis; -Diploneis; -N. musca, Conk.: -N. tumida.) --  
*var. A. S. Atlas 69f42*

> complobosa, Cl. Nav. 2 p. 26: - (Schizonema.)

- CONTINUA, Grun.-V.H.S.p.109-14f3I,3Ia; T.No.143; Det.S.pl.1.133;  
Cl.Navie.p.132: (N. trilineata, n.S., & cont.)
- \* v.biceps, .-V.H.S.p.109-14f3Ib; Det.S.p.133; Cl.Nav.1.132;
- CONTERMINA, A.S.,Atlas 43f17,13; Det.S.p.113:-(Trachyneis aspera,v.)---
- CONTIGUA, A.S.,Atlas 3f43; Det.S.p.94: (Diploneis.)---
- CONTRACTA, E.-Abh.Ber.1342p.265: Det.S.p.192:
- CONTRACTA, Grun.-Atlas 130f13: (Caloneis Galapagensis,v.)----
- CONVEXA, S.B.D.1.49-15f135; Front.; Breb.D.C.p. : Prit.p.910; Lew.  
N.& R.S.p.67; Sm.Sp.1.253; Grevillea 1372p.73: A.J.N.1373p.135:  
(A'prora. latestriata; -Scolioptera c.)
- COPIOSA, A.S.,Atlas 129f6; Cl.Nav.2p.59:
- COQUEDENSIS, Donkin,M.J.1359p.293-13f4: (Gomphonema pinnatum.)--
- CORREPTA, A.S.,Atlas 160f15: (Caloneis Galapagensis,v.Japonica.)
- COSMARIA, Breb.MSS.:-(N.undosa,E.)-
- COSTATA, K.B.p.93-3f56; K.S.A.p.72; Grun.1360p.54I; Prit.p.906;  
R.E.D.p.225: wolle pl.24f6,7; Herio.p.37-4f7: Pinn.tata):  
(N.Pannonica; -Stauroneis polygramma; ~~Stauroneis polygramma~~)
- COSTULATA, Grun.-Cl.& M.No.26I; V.H.S.p.65-A,f15; Type No.7I;  
Cl.1330p.27; Det.S.p.47; Cl.Nav.12p.17; Grun.1882p.156-30f15
- COTIFORMIS, Grun.-N.L.K.D.p.II; Det.S.p.20;
- COUPERI, Bailey.-Ralfs,Prit.p.393; wolle pls.15f7; 17f2; Atlas pl.  
2f12; Det.S.p.93: -(Chm. lyra, n. atl. p.p. - approx. (Pinn.)---
- CRABRO, K.S.A.p.33: S.B.D.2,p.94; M.J.1357p.3-3f11; Mull; Grun.1330p.  
524-3f2I; 1363p.13; Breb.Verm.p.10; Prit.p.394; Carr.p.105; Schum.  
1357p.53; Donk.B.D.p.43-7fI; Cl.1333p.223; Vega p.47I; R.E.D.p.204;  
A.Schm.N.D.p. -1f5,6; 2f4; Atlas 11f14-20; 12f7I,72; 129f17,13; Pet.  
Cat.p.23; Lagr.1373p.35; O'M.I.D.p.404; Dannf.p.39; Atlantic City; J.  
Q.C.1335p.137; Fortm.Cey.p.25; Malaisia; V.H.S.p.39; T.No.101; Grun &  
T.p.72; Perag.p.30; Villef.p.52; wolle pls.10f33; 15f7; Pant.2p.44-  
2f22; Det.S.p.33: ~~Petit, Cap Horn (27f15) 69f17~~  
(Diploneis; -N.multicostata & nitida; -Pinn.g. & pandura.)---
- \* var., A.S.,Atlas 69f12;2:
- \* v.denticulata, O'M.I.D.p.405-33f34: (Nav. dent.)
- \* v.intermedia, O'M.I.D.p.405:
- \* v.Japonica, A.S.,Atlas 174f4; (Dipl.e.,var.separabilis.)----
- \* v.multicostata, Grun.-V.H.S.pl.9f2; Atlas 174f6,7;  
(Nav.m.; -Dipl.e.,var.)- ~~Petit, Cap Horn~~
- \* v.Nankooensis, A.S.,Atlas 69f4; Det.S.p.69; (Dipl.e.var.N.)
- \* v.Oranensis, A.S.,Atlas 69f3; Det.S.p.69:-(Dipl.e.,var.milt.)--
- \* v.pandura, Breb.-Rabh.E.D.p.205; V.H.S.pl.9f1: Det.S.p.69:  
(Diploneis c.,var.p.; -N.& Pinn.pandura.)---
- CRABRONIFORMIS, Grn.-Atlas 11f24; wolle 15f9; Det.S.p.34;  
(Diploneis exempta,v.) ~~Petit, Cap Horn~~
- CRASSA, Greg.-M.J.1355p.40-4f19; S.B.D.2p.102; Prit.p.909; Carr.p.105;  
R.E.D.p.173; M.T.P.3-3-9; Fortm.Cey.p.25;  
(Caloneis brevis; -N.humerosa.)----

cruciata, Cl. - { Pinn. c. } -

crucifera, Gn. - Cl. Star. p. 32: - (A. rostellata, pp. -

cruciformis, (Pinn. c.) -

- CRASSINERVIS, Breb.-S.B.D. p.47-3ff271; Mull; Braemar; Prit. p.900: R.  
D.Ex.No.55: Grun. I360p.543-3ff12; Schum.H.T.p.43; I364p.22; Cair.p.  
I05; Roper, Thames; Donk.B.D.p.42-3ff12; Hull; Cl. I367p.665; I363p.223;  
Cl. & M.No.35; New Zealand; O'M.I.D. p.375-3ff151; M.D.O. 1877 p.1, 1/2-  
I35f"A,B": I374p.22; I375pp.265, 279; M.T.P.3-4-20; Selloe, Lichen; 1877 p.1-23;  
Brun Alp.p.64-7f3"R": Sm.Sp.1.260; A.O.M. I373p.136; Tanarek I379p.  
35, f2a, I6b; Kinnora; Petit I333p. -4f3; Malaisie; Sparer, Dinar; 13110  
p.III; *Petit, Cap. 1/2* (Frist.  
Saxonica & torfacea; -N. & VanHeurekia rhomboides & v.; -VanH.c.)--  
"var."b", Schum.H.T.p. -4f59; M.M.J. I375p.6-I09f5;  
CRASSIROSTRIS, Grun.-Cl. I330p.45-3f157; Vega p.473; Del.S.p.132; Cl.  
Nav.p.I07; Herib.p.I04;  
"v.Maagonsis, Grun.-Cl. I330p.45; Vega p.473; Del.S.p.132;  
Cl.Nav.p.I07;  
CRASSULA, Nag.-K.S.A.p.390; R.S.D.p.40; Prit.p.900: R.E.D.p.I95;  
Del.Syll.p.I71;  
CRATICULA, E.-DeToni, Sylloge p.I90: (Pinn.)---  
CRAVENI, ---Fortm.Cey.p.25-2f20; Del.S.p.II7: (Mastoglora.)--  
CREGUTII, H. & Perag.-Herib.p.II9-4fI7: (Caloneis fasciata.)-  
"v.lanceolata, H. & Per.-Herib.p.I20-4fI3: -(Cal.fas.)--  
CRIOPHILA, Castr.-Del.Syll.p.25; Notar. I339p.639: (Pinn.)---  
CRISTATA, L., Abh.Ber. I354p.240; I370p.13-3fI5; Mik.p.1.35B-4b, fI3;  
(Donkinia.)---  
CRUCIATA, Fortm.Cey.p.25-2fI9: Del.Syll.p.II7;  
\* CRUCIATA, Cl., N.L.K.D. p.6-IffII: wolle Iff3: -(Mastoglora; -N.neocirciata).+  
CRUCICULA, W.S.-Donk.B.D.p.44-3fI4; Cl. I330p.35; I331p.9: I391p.37;  
Dannf.p.26; V.H.S.p.96-10fI5; T.No.II2; Del.S.p.II5; Cl.Nav.p.I39;  
(Stauroneis dilatata, W.S.)---  
"v.minuta, Grun.-Cl.Nav.p.I40: -(Stauroneis c., var.m.)-  
"v.obtusata, Grun.-Cl. I360p.35-2f37; Cl.Nav.p.I40; Del.S.p.II5;  
(Nav.obtus.)-  
"v.protracta, Grun. I332p. I40-30f475; V.H.S.p.96-B, f27;  
Del.S.p.II5: (Nav.pro.)---  
CRUCIFERA, O'M.I.D. p.354-30f37: ----Grun., Atlas 46f50-51? Cl. & M.No.6  
I54; Dannf.p.23; Malaisie; (N.apiculata, v., & Grunowiana.)----  
CRUCIFIX, Brun & T.p.42-7fI9: Del.Syll.p.I02: (-Pseudo-amphipora.)  
CRUCIFORMIS, Donk.M.J. I361p.10-Iff7; B.D.p.65-10f4; Schum.H.T.p.90-21  
25; Dannf.p.24; Lagr. I373p.32; Cl. I373p.5; I330p.23; Vega p.464; V.  
H.S.p.74-A, f8; wolle 24fI9; Del.S.p.I4: -(-Pinn. Blabissonii, "a.")--  
"v.borealis, Cl.Vega pp.464, 491;  
"v.brevior, Cl.Vega p.464-35fI3: -(Pinn. c. var. br.)-  
"v.Seychellensis, Grun., Cl. I330p.23; Del.S.p.15; (Pinn. c. var. br.)-  
"v.Upolensis, Grun.-Cl. I330p.23; Del.S.p.15; (Pinn. c. var. br.)-  
CRUCIGERA, W.S.-Cl.Navic. p.III: *Orthrop 1897p.313*: (Schizonera, ac.)---  
CRUX, E.-Inf.p.I34; Mik.p.1s. I2f37a-c; I3-2fI2; Prit. p.339; Del. p.1.  
I37: (Pinn. & N.) follis & inflata; Tetracyclit.)-  
CRYPTOCEPHALA, K.B.p.95-3f20, 26; K.S.A.p.74; Braemar; R.S. p.1.39-3fI1;  
S.B.D. p.53-I7fI55; Marissal p.24: R.D.Ex.No.43; Prit. p.901; R.E.D.  
p.I93; Grun. I360p.527; I365p.10; I363p.13; Mil.S. p.1.33; Cair. p.106;

- Cryptocephala, K.-

"v. lanceolula, Schum. - V.H. Sp. 8 f 11:

> "v. perminuta, Gn. - Cl. Nav. (2) p. 14: - (Nav. per.)  
+ "v. pumila, (A. rhombulus lanceolula; A. pumila v. fossilis;

+ "v. veneta, Cl. Nav. (2) p. 14:   
(N. veneta.) -

"v. rhynchocephala, - (Nav. rh.; ~~5~~ lanceolata.)

Cl. I368p.228; I38Ipp.5,9; Nares; I39I.32; Schum.H.T.1.68; I39I. -  
2fI7; Neupauer p.I96-3f60; Donk.B.D.p.37-5fI4; R.Alg.E.No.447; Hull;  
Brugger p.286; New Zealand; Audissone I364.393; Arenig Bach; Eiben,  
I37I; O'M.I.D.p.4I4-34f25; Ebert,Cassel; Prollius p.6I; Sm.Sp.1.26I;  
Amazon; Petit & Leud.; liste p.20; Brun Alp.1.70-7f24; Pedersen p.II-  
2f9-I2; Gallik,Papan; Dannf.p.26; Lake Michigan; V.A.S.p.84-3fI,5; 1.  
92; Hoffmann,Marburg; Perag.1.60; Bellon,Lichon; Wollf I2fI3; Malai-  
sie; Del.Syll.1.46; Herib.p.I0I: *Cl. Nav. (2) p. 14.*

(*N. appendiculata*, var. *exilis*; *Ehrenbergii* & *gracilis* *cf. mulea*.)

" *v. angustata*, Brun Alp.p.70: (Nav.alp. *exilis*.)

" *v. latior*, Dannf.1.26-2fI2; Cl. I39I.32; - (*N. lanceolata*, v.) -

" *v. exilis*, Grun.-V.A.S. pl. 3f2,4; 1.No.93; *Cl. Nav. (2) p. 14*; - (*N. ex.*, pp.)

" *v. intermedia*, H.V.1.S. 1.3fI0; 1.No.94; - (*Ch. salina*, v.)

" *v. lanceolata*, Grun. I360p.527-2f23a; R.E.C.1.193; Spamer, Daren;

(Nav.lanc., K.)

" *v. minor*, Grun. I360p.527-2f23c,d; Spamer, Daren;

" *v. parvula*, Grun.-Del.Syll.1.46; - (*N. parvula*) *Cl. Nav. (2) p. 14*;

" *v. rhynchocephala*, Grun. I360p.527-2f23b; Strose Kl.1.9-If3; - (N.Th.)

" *v. Thurholmiensis*, Lagr.-Cl. I39I.32: (N.Thur.)

" *v. veneta*, Rabh.E.D.p.198; V.A.S.p.35; Perag.p.60; Del.Syll.1.46; +

CUBITUS, Brun & Temp.1.42-5f3; *Cl. Nav. 2 p. 31*;

(*N. veneta*.)

CUNEATA, O'M., I.D.p.355-30f40;

CURTESTRIATA, Pant.2p.44-2fI9; 5I Z.-I2fI33; - (*Pagella*.)

CURVINERVIA, Grun.-Cl. I373p.3-2fI3; (Alloioneis; -Scolioptera.)---

CURVIPUNCTATA, A.S., Atlas 6f40; Malaisie;

CURVULA, E.-Inf.p.I3I-I3fI4; Amer.pl.2-4f6; K.B.1.102-4f6I; 29II;

K.S.A.p.36; Eiben, I37I: *Nik. p. 11*;

(*Frust. inflexa*; -*Nitzschia sigmatella*, var., & c.; -*Pleurosigma*.)---

CUSPIDATA, K.B.1.94-3f24,37; K.S.A.p.74; R.S.C.1.37-5fI6; R.Alg.E.No.

II36; Desmaz.I.No.I464; 2.No.I064; Mathieu; Marissal p.23-IfII; S.B.

C.I.1.47-I3fI3I; Plit.1.905-I2f5; Grun. I360p.523; I365I.12-2fI6; 19I.

p.32; weisse I360p.359-3f29; Fresenius Senk.p.60-4fI7-24; R.E.C.1.

I7I; Carr.p.I07; Donk.B.D.p.39-5f6; Del.Sp.1.37; Roger, Thales; N. &

R.S.p.7I; Hull: Cl. I363p.228; I38Ipp.9; Cl. & M.No.99; Vega p.49I; 19I

pg.32; Navic.p.I09; Petit & Leud.; liste p.20; I383p. -4f5; Prollius

p.62; Brun Alp.p.334; Strose Kl.1.9-If22; A.M.M. I379.97; K.B.1.

I374p.22; Sm.Sp.1.No.259; Nylander, w.; Sm.02.1.12-IfI3a-c; O'M.I.D.

p.357-3IfI; Macdonald pl.I0f24a; Kinnora; Dannfelt p.29; Delogne; V.

A.S.1.100-I2f4; 1.No.120; Hoffmann, Marburg; Tatarak I379.36, fI3A;

Bellon, Lichon; Gerling pl.IIfI; Spamer, Daren; Sci.Goss. I364.276; 1.

B.C. I337p.72-66fII; M.T.P.3-4-3; Perag.p.53; Wollf I2fI6; Del.S.p.

I36; A.M.M.J. I39Ipl. IfI2; Herib.p.I07: *Adas 2118 24-26, 32*;

(*Bacillaria* & *N. fulva*; -*Cymbella latifasciata*; -*Frust.*; -*N. vulpina* &  
*amphisphaena*; -*VanHeurckia*.)---

" *v. ambigua*, E.-Pfitzer p.36-3fI-9; Cl.Nav.p.II0;

(Nav.amb., birostrata, quadrangulata & sphaerophora.)-

" *v. alpestris*, Brun Alp.p.66, - 7f6: *Del. Syll. p. 137*;

" *v. amphisphaenia*, E.-Rabh.E.D.p.I70;

(Nav.amph.)----

Dactylus,

" forma maxima, T.H.S. 5-f1: - (Pinn. dac.)

" var., as, atlas 42/5; Petit, Cap Horn;

decurans, (of atlas = P. subsolaris): -



- var. "b" fulva, Nitzsch. - R.E.D.p. 170: Pet. liste p. 20: (Nav. f.)  
 forma craticula, Perag. & H. - Herib. p. 107-4f15;  
 v. craticularis, Grun. - New Zealand: *Atlas 21f37*; ~ (Surirella e.) ---  
 v. danaica, Grun. - Cl. Nav. p. 110: (Stictodesmis febrigeri.) -  
 v. halophila, Grun. - V.H.S.p. 100-B, f30; T. No. 12, sub; Det. Syll. p. 136;  
 (Nav. hal.) ---  
 v. Heribandi, Petit. - Herib. p. 103-4f162; Cl. Nav. p. 110;  
 v. lanceolata, Grun. 1330p. 529;  
 v. longicollis, Sur. Jap. p. 12-1f16d; Det. S.p. 137;  
 v. obtusa, Grun. 1330p. 529;  
 CUSPIS, O'M.I.D.p. 353-3f13; Det. S.p. 137;  
 CYMBULA, Donk. - M.J. 1339p. 294-13f6; Cl. Vega p. 491;  
 V.H.S.p. 1.7f32: - (*N. lanceolata*, v. *cymbula*); - (N. varians.) ---  
 CYCLOPHORA, Casti. 1337p. 34-23f13; Notar. 1339p. 637; Det. S.p. 172;  
 CYNTHIA, A.S., Atlas 3f41; O'M.I.D.p. 395-33f10; Wolle 9f25, 26;  
 Det. Syll. p. 93: (Dipl.) ---  
 CYPRINUS, K. 3.p. 99-29f35; K.S.A.p. 32; Breb. D.C. p. : Prit. p. 938; Grun.  
 1330p. 524; 1373p. 15; Schum. 1337p. 35-2f50; Roper, Thores; O'M.I.D.p.  
 409-34f11; Sm. Sp. T. 262; Lagr. 1376p. 33; Dannf. p. 25; V.H.S.p. 1.7f3; T.  
 No. 78; Perag. p. 53; Villef. p. 46; Herib. p. 102;  
 (Pinnul. e. & digito-radiata: *Nav. pinn. v. meniscus*)  
 CZEKEHAZENSIS, Pant. 2p. 44-4f59; Det. S.p. 73: (N. didyma, Neup.) ---  
 DACTYLUS, K.B.p. 93-29f59; K.S.A.p. 1.79; Prit. p. 907; Grun. 1330p. 513; Cl.  
 1333p. 233; 1331p. 1; *Petit, Cap. Hore*; Petit & Lend.; liste p. 2f; Sm. Sp. T.  
 255; *Atlas 42f3, 46*; Wolle 2f1; Petit, 1333: Pant. 2, p. 44;  
 Herib. p. 81: *J.Q.C. 7op. 37*: (N. nobilis, v.; -Pinn.)  
 var. subgigas, Wolle p. 1.2f4;  
 DALMATICA, Grun. 1330p. 525-1f14; Atlas 3f53-50; Cl. Vega p. 1.5f1;  
 Villef. p. 51; Det. Syll. p. 81: (Diploneis; -Pinn.) ---  
 DARIANA, A.S., Atlas 42f24, 25; Wolle 17f5; Det. S.p. 13; Herib. p. 32;  
 DAVIDSONIANA, O'M.I.D.p. 361-3f13; Det. S.p. 180;  
 DEBILIS, Pant. 2p. 44-12f214; 3p. 1-3f96; Det. S.p. 122; - (*Pinn. hemiptera*) ---  
 DERILISSIMA, Grun. 1334p. 52-1f42; Det. S.p. 139; *Cl. Nav. (2) p. 3*;  
 BEBYI, Pant. 1p. 23-15f136; Det. S.p. 15: - (Diploneis.)  
 DECIPIENS, Orkney, T.M.S. 1353p. 91: - (Stauroneis glauca.) -  
 DECIPIENS, O'M.I.D.p. 359-3f6; Det. S.p. 133; Casti. 1337p. 32-27f17;  
 DECORA, E. - Det. S.p. 133: (Pinn.) ---  
 DECORA, Gro. & St. - J.Q.C. 1337p. 133-10f13; Notar. 1337p. 352; Atlas  
 174f27; Det. S.p. 179; Cl. Nav. p. 74;  
 DECUMANA, Pant. 3p. 72-33f499; - (*Pinn. viridis, n. com.*)  
 DECURRENS, K.B.p. 99; K.S.A.p. 81; Min. p. 11f23; Prit. p. 396; R.E.D.p.  
 139; Schum. H. 1.p. 43, 76; Atlas 45f29, 30; Cl. Vega p. 464-33f20;  
 Wolle pls. 9f38, 39; 25f3; Herib. p. 95: (Pinn.) ---  
 var. "g", Prit. p. 396: (N. trabecula.)  
 DECUSSATA, K.S.A.p. 70; Grun. 1330p. 541; Prit. p. 903; Petit Cat. p. 20-  
 4f11; J.R.M.S. 1373p. 215-14f11; Det. S.p. 135: Malaisia: *Cl. Nav. (2) p. 5*  
 (N. extensa; -Pinn.) -  
 DEFINITA, Gro. & St. - J.Q.C. 1337p. 73-6f11; Notar. 1337p. 343; Det. Syll.  
 p. 120; Cl. Nav. p. 135;

+ Delawarensis, Cl. Nav. 2p. 41:

> delicatula, Cl. - L.S. 2, no. 19 p. 44-9 f 3: -

+ DeWittiana, (h. Yarensis, var.)

+ dicephala, Grun. 1882 pl. 3 of 55:

> " v. elgimensis, Grun. - Cl. Nav. 2p. 21: - (Pinn. Elg.)

> " v. subcapitata, Gr. - 1882 p. 156-3 of 54: Cl. Nav. 2p. 21:

" " stauroneiformis, A. S. Atlas 44 + 33, 34:

+ didegma, Petit. Cap Horn, Heib. p. 82:

' var. intermedia, Cl. Nav. p. 135-5f24, 25;

DELATA, A. Schm. N. D. p. -2f43; Atlas 50f30; Det. Syll. p. 192;

(Caloneis liber, v. excentrica.)----

DELAWARENSIS, Gr. & C. - Cl. & M. D. 211: Det. S. p. 192; O. D. No. 13p. 14-17, 3

DELGINENSIS, O'M. I. D. p. 373-3f48; Det. Syll. p. 135;

DELOGNI, A. V. A. S. p. 110-11f13:

(N. G. v. 11f13.)--

DELTA, Cl. - Led. No. 13p. 14-1f10; Cl. Nav. 2p. 41:

DEMARRAE, E. - Abh. Ber. 1345p. 79; K. S. A. p. 73; R. S. D. p. 33; Prit. p. 903;

R. E. D. p. 225; Det. Syll. p. 133; Led. No. 13p. 14-1f9; Cl. Nav. 2p. 41:

DEMPTA, A. S., Atlas 59f31; Woll. 15f15; Det. S. p. 33: (N. G. v. 11f15.)--

DENTICULATA, O'M. I. D. 1357p. 113-3f37; Det. S. p. 173: (N. G. v. 11f37.)--

DEPRESSA, Cl. & C. 1391p. 35-2f4; Navic. p. 122;

DERASA, Gr. - Cl. 133p. 39-2f15; Det. S. p. 34:

(N. G. v. 11f34.)--

' v. gracilentia, Grun. - Cl. 1380p. 40; Det. S. p. 64;

(N. G. v. 11f64.)--

+DEWITTIANA, K. & S. - T. B. C. Vol. 13p. 209-93f5; Woll. 22f13; Det. S. p. 121;

DIAGONALIS, Bailey M. O. p. 20, foot-note.

(Pleurosigma angulatum.)--

DIACULUS, Schumann 1364p. 21-2f23:

(Cocconeis)

DIAPHANA, E. - Abh. Ber. 1345p. 73; K. S. A. p. 73; R. S. D. p. 33; Prit. p. 903;

R. E. D. p. 225; Det. Syll. p. 133;

DICEPHALA, E. Inf. p. 185: Mik. pls. 10-1f14; 10-2f7; 12f17; 13-2f3; 14f30;

15-1f17; 15-2f3; 17-1f11; 34-3f9; Abh. B. 1371p. 11(3)14; K. S. A. p. 93-23f

30, 32; K. S. A. p. 73; Mill. S. B. D. 1p. 53-17f157; Prit. p. 902; Grun. 1350p.

533-2f45; Neap. Asat. p. 190-1f22; 191p. 35; N. G. v. 11f19; Grun. 1350p.

Hull; R. E. D. p. 199; Dippell p. 5; O'M. I. D. p. 413-34f30; Gallik, Pagan;

Bras. Atl. p. 73-7f34; Petit 1383p. 22; Det. S. p. 25; Atlas 72f28-33; S.

St. T. 204; St. J. 1383p. 19-1f14; Grun. 1350p. 31; Vega

p. 471; 1391p. 32; V. A. S. p. 37-3f31; Det. S. p. 71-33f9;

Petit, 1333: Lake Michigan; Perag. p. 60; Bellac, Lichon; Woll. 17f21;

20f22; Malaisie; Det. S. p. 57; Berf. p. 103; Cl. 1895p. 11: Nav. 2p. 21:

(N. bicapitata, ~~transiens~~, Slesvicensis & uncula; -Pinn.)--

' forma minor, Heribaud p. 103: V. A. S. p. 7. 8f33.

DICURVATA, O'M. - M. J. 1372p. 419:

DIDYMA, E. - Kreid. 1340p. 75; K. B. p. 100-4f7(1, 2): 23f75; K. S. A. p. 35; S. B.

D. 1p. 53-17f154; Front.; Breb. D. C. p. : Prit. p. 393-7f31; 15f12; Grun.

1360p. 530; 1363p. 13; 1373p. 17; R. D. Ex. No. 53; Carr. p. 105; R. E. D. p. 203;

Donk. B. D. p. 51-7f3; Jan. & R. p. 10-4f14; Ga. p. 27; Cl. 1337p. 335: 1333p.

225; 1373p. 15; 1373p. 4; Vega p. 471; Neap. Asat. p. -1f26; Am. Nat. 1855,

p. 510-13f26; Eaw. N. H. pl. 1f11; Roper, Theres; Lew. N. & R. S. p. 71; 4111;

Reinhard; Heaw. Vol. 15, p. 111; Eiben, 1371; Flogel, Baltic; Lens Vol. 2p.

235-1f3; A. Schm. 1373p. 405-5f1; Sch. N. D. p. -1f7; Atlas 13f1-3; 3f1

30, 37-39; Carr. p. 10; St. S. p. 205; O'M. I. D. p. 413-34f30; Grun. 1350p.

Fortm. C. p. 125; Carr. 1373p. 33, 14; Geo. Folger p. 17; Atlantic Cray. V.

H. S. p. 90-9f5, 6; "B" f20; T. No. 102: Mobile; T. B. C. 1337p. 71-33f9; T. Nat.

1335p. 43-2f31, 32; M. T. P. 3-3-4; Perag. p. 60; Villef. p. 52; Woll. 12f12;

19f21, 25; Petit, 1383p. 22; Det. S. p. 71; Perag. p. 60; Grun. 1350p.

Diploneis & Homotid; -N. & Pinn. 1f11; -Pinn.; -N. G. v. 11f11; -Pinn.

' v. "b", S. B. D. 1p. 53-17f154b: (N. elliptica, W. S. & Smithii.)--

' var. "c", K. S. A. p. 13: T. M. S. 1350p. 44-5f17;

(N. G. v. 11f17.)--

" " "S" S. & G. - J. M. S. 1856p. 44-5f16.

+ difficilis. - (Kennedyi, var. dif.) -

+ digito-radiata, Greg. -

+ " var. cyprius, Oestrup 1897 p. 319:

" v. Seychellensis, Cl. Nav. 2p. 20:

+ diffusa, Ais. - Perag. Vill. p. 49-3f30: Cl. Nav. 2p. 46:

" v. Balearica, Cl. Nav. 2p. 46:

" v. minor, Cl. Nav. 2p. 46:

+ directa, W. Sm. - Atlas 47f<sup>8/9</sup>; A. Sch. N. D. p. 7. 3f2: Oestr. 97p. 320: <sup>Petit, Cap Horn:</sup>

" v. Javanica, Cl. Nav. 2p. 27:-

" " remota 47f1-4:

- DIABOLICUS, Grun., V. 1. S. p. 11. 12f13, 17; Pant. 2, p. 45; Det. S. p. 101: *Cl. Nav. 2p. 62*;
- DIABLUENS, A. S., Atlas 2f15; wolle 13f21; Det. S. p. 101: *Cl. Nav. 2p. 62*;
- DIABUSA, A. S., Atlas 2f23; Fortm. Cey. p. 26; wolle 13f11: +
- DIGITO-RADIATA, Grun.-Ralfs, Prit. p. 904; A. Schm. N. D. p. 92-3f4; O'M. I. D. p. 409-34f9; Cl. & M. No. 202; Nares p. ; 1330p. 32; Vega p. 465; Gannf. p. 25; V. 1. S. p. 33-7f4; T. No. 103; M. T. P. 3-2-13; Villef. p. 46; Det. Syll. p. 51: *Cl. Nav. 2p. 20*; *Oestrup 1897p. 319*; (N. cyprinus; -Pinn.)-
- + v. cyprinus, K.-Det. Syll. p. 51: *Cl. Nav. 2p. 20*; - (Pinn. c. & Normannii.) ---
- v. angustior, Grun.-Cleve 1330p. 32-2f31;
- v. striolata, Grun.-Cl. 1330p. 32-2f30; Cl. & M. 25; (N. Rheinhardtii, v. grun.)
- DIGITUS, E.-Ralfs, Prit. p. 903; wolle 24f1; Det. S. p. 190; (Pinn.)--
- DIGREDIENS, A. S., Atlas 69f26, 27; Pant. 2, p. 45; Det. S. p. 35; (Diploneis divergens, "a".) ---
- DILATATA, E.-Amer. p. 130; Mik. pls. 2-2f10; 3-2f5; 4-1f5; 4-2f9; 4-3f1; 7-1f3; 7-3a, 19, 10; 13-1f10; 13-2f6a, b; 15(A) f33; 15(B) f12; 15-3f25; 33-10f20; 35A-7f13; K. B. p. 99; K. S. A. p. 32; Prit. p. 900; Gannf. p. 106; R. S. D. p. 173, 174; M. T. P. 3-4-13; Sm. Sp. T. 266; Atlas 49f6, 9; R. S. D. p. 37; Det. S. p. 139; wolle 13f5, 7; (N. firma, var., & platystoma; -Pinn. & Schmid.) Herib. p. 114: > *E. Pogg. 39p*
- DIOMPHALA, E.-K. B. p. 93-23f63; K. S. A. p. 76; Prit. p. 900; R. S. D. p. 224; wolle pl. 24f3; Det. S. p. 134; (Pinn.)--
- DIPLOSTICTA, Grun., Atlas 13f25-30; 174f10; Fortm. Cey. p. 26; Cl. 1373p. 3; Vega p. 495; wolle 12f3; Pant. 2, p. 45; Malaisie; Det. S. p. 35; (Diploneis bomboides & splendens, var.) - *Petit, Cap Horn*:
- DIRECTA, W. S.-Ralfs, Prit. p. 903; Breb. D. C. p. : Cl. 1357p. 364; 1331. 224; 1373p. 16; 1373p. 3; Vega p. 505, 510; Nares p. ; O'M. I. D. p. 409-34f4; Petit Table Bai p. 5; Atlas 47f25; Lagr. 1376p. 33; Lanzi, 1376p. 5; Ostia p. 30; Gannf. p. 23; Sm. Sp. T. No. 267; Fortm. Cey. p. 26; Parag. p. 53; Malaisie; Det. Syll. p. 22: *Cl. Nav. 2p. 27* - (Pinn. eriochila; - (Pinnul.) -
- v. angusta, Grun.-Cl. 1330p. 39; Vega p. 467; Det. S. p. 23; - (*N. directa*)
- v. decussatim-striata, Grun.-Cl. Vega p. 467;
- > v. incisa, Grun.-Cl. Vega p. 467; *Cl. Nav. 2p. 27*; - (Nav. incisa.) -
- + v. 1330p. 39; Grun.-Cl. Vega p. 467; *Cl. Nav. 2p. 27*; *Oestrup 1897p. 319*; - (Nav. incisa.) -
- v. sinuata, Grun.-Cl. Vega p. 467; Det. S. p. 23; *Cl. Nav. 2p. 27*; - (Pinn. incisa.) ---
- DIRRHOMBUS, A. S., Atlas 11f21, 22; 69f9; Fortm. Cey. p. 26; wolle 12f14; Malaisie; Det. S. p. 34; (Diploneis eriochila, var. a.) ---
- DIRRHYNCHUS, E.-Amer. p. 131, pl. 3-1f11; Mik. pl. 35A-14f3; Abh. Ber. 1370p. 1. 2-1f31; K. B. p. 95-23f43; K. S. A. p. 76; R. S. D. p. 40-3f43; Prit. p. 901; Sm. Sp. T. No. 268; Donk. B. D. p. 29-5f3; O'M. I. D. p. 375-3f52; Amazon; wolle 11f13, 19; 25f6; Petit liste p. 20; (N. biceps & rhynchocephala, var.; Frustulia vulgaris.) -
- DISCERNENDA, Pant. 2p. 45-22f335; Det. Syll. p. 125; *Cl. Nav. 2p. 68*:-
- DISCREPANS, A. S. Atlas 3f3; wolle 10f4; Det. S. p. 101; (Diploneis.) -
- DISCULUS, Schumann 1364p. 21-2f23; (Cocconeis)
- DISPAR, Schumann 1362p. 139-9f50; - (*Pinn. viridis*, var. d. - (Scoliolella.)
- DISPERSA, Grun. & Start. - J. Q. C. 1337p. 132-10f10; Notat. 1337p. 353; Det. Syll. p. 122; (Caloneis.) ---
- DISPHAENIA, K. B. p. 93-23f54; K. S. A. p. 73; Prit. p. 903; Nares p. Asatag p. 196-3f62; wolle pl. 23f9; Det. Syll. p. 134; (Pinnularia a.)

+ distans, PB - Petit, Cap Horn;

> disticha, A.S. - Atlas 212 f 13:

+ divergens,

> "forma minor, Atlas 44 f 14, <sup>15, 42</sup>~~34, 35~~ 45 f 31-34; - (Pinn. <sup>secundifol.</sup> Stauroneiformis.)  
"Atlas 44 f 6-7 = Pinn. dir. v. elliptic; -

DISSIMILIS, Rabh., DeToni Syll.p.8I; ---Pinnularia; ---W.S., in A.M.N.H. 1857p.8-2f6; Prit.p.9IO; DeT.S.p.267:

(N.elepsydra, Ralfs, & Scoliopleura; )

DISSANS, W.S.-Ralfs, Prit.p.907; Grun.I360p.523; I363p.I3; I334p.43; Breb.D.C.p. : Cl.I363p.224; I373p.I7; Vega p.470; Petit Cat.p.26; Lagr.I376p.32; Fortm.Cey.p.27; Flogel, Baltic; O'M.I.D.p.343-30f6; V. H.S.p.137-A, fI3; Atlas 46fII-I4; Dannf.p.I3; Perag.p.53; Brun & T.p. 72; DeT.S.p.53: (Pinn.)--

v.borealis, Grun.I334p.3-I26; Cl.I330p.33-2f42; Vega p.476; DISTENTA, Schumann H.T.p.73; I367p.53-2f53; Atlas 2fI4; Wolle pl. I3fIO; DeT.S.p.IOI: *Cl. Nav. 2p. 62:*

DISTOMA, Grun.-Cl.I380p.30; DeT.S.p.I23:- (Caloneis & N.brevis, var) v.angustior, Cl.I380p.3I-I26; DeT.S.p.I24; (Caloneis d., var.; -N.brevis, v.)--

v.lator, Cl.I380p.3I-I25; DeT.Syll.p.I24: (Cal.dist.var.; -N.brevis, v.)

DIVERGENS, W.S.-Ralfs, Prit.p.396; Grun.I360p.525; I364p.43; Schum.H.T. p.70; Cl.I363p.225; I36Ip.5; Arenig Baeh; O'M.I.D.p.345; Atlas 12f 50, 5I; 4f67; I363p.15; Sm.Sp.7.269; Dannf.p.27; Pet.liste p.2I; I363p. -4f7; M.T.P.3-2-3; Belloe, Lichen: Kinnord; Lake Michigan; Wolle pl. I9f20, 2I; Malaisie; DeT.S.p.I7; Herib.p.39; *Petit Cap Herib.*

(Diploneis; -N.entomon & Pfitzeriana; -Pinn.)- v.elliptica, O'M.I.D.p.345; Grun.I334p.43-I29; DeT.S.p.I7:- (Pinn. v.)

v.longa, O'M.I.D.p.345-30fI3:

v.Mullensis, Greg.-Kinnord list;

v.prolongata, H. & Perag.-Herib.p.39-4fI; -(Pinn. elongata, v. flor.)

v.undulata, H. & Per.-Herib.p.39-4f2; -(Pinn. legumen. v. flor.)

DIVERGENTISSIMA, Grun.-Cl. & H.No.I33: Cl.I38Ip.5; V.A.S.pl.3f32; DeT.S.p.I93;

DIVERSA, Grev.-Trans.Bot.Soc.Euinb.I333p.579-I5fI4: DeT.S.p.79: (Dipl.Weissflogii; -Donkinia; )

DOCZYII, Pant.2, p.45-I4f247; DeT.S.p.9I:- (Dipl.Smithii.)

DOLGENSIS, Pant.Ip.24-24f2I9; DeT.S.p.I23: *Cl. Nav. 2p. 5I:*

DOMBLITTENSIS, Grun.I382p. -30f60: (Diploneis.)--

DONKINIA, O'M.I.D.p.393-33f20; V.A.T.No.I03: (N.musca.)--

DONKINII, Carruthers p.I06: (N.truncata.)--

DONKINII, A.Schm.N.D.p. -IfI2; 2f3; Fortm.Cey.p.27; Atlas I2f64; Vega p.47I; Wolle I5fI7: (Dipl.constricta; -N.Archeriana.)-

var., A.S., Atlas pl.I2f63;

DUBIA, E.-Amer.p.I30p.1.2-2f8; Mik.pls.3-2f9; 39-3f32; K.B.p.93-23f6I; K.S.A.p.7I; R.S.D.p.40-6f60; Prit.p.902; Carr.p.I05; Schum.H.T.p.70; M.J.I356p. -If3; Schum.I334p.2I-2f65; S.B.D.p.I05; R.E.D.p.225; Donk B.D.p.30-5f5; Atlas 49fII, 24; Lake Michigan; O'M.I.D.p.337-3I29; Cl. I39Ip.9; Wolle pls.I0f27; I7f22; Herib.p.II4; (Neidium; -N.iris, v.; -N.Peisonis, v.)--

DUPLEX, Pant.3p. -42f579: (N.quadriseriata.)--

DUBRAVICENSIS, Pant.3p. -I9f28I:

DUPLICATA, E.-Amer.p.I43, pl.2-6f24; Mik.pl.2If35; K.B.p.I00-23f73; K.

Elegans, H. Sm. ~

1. var. *cuspidata*, Cl. Har. 2 p. 68:



- S.A.p.33; R.S.D.p.40-5f4; Prit.p.393; R.E.D.p.223; Wolle pl.23f3;  
 Det.Syll.p.32;  
 DURRANDII, Kitton.-J.Q.C.133p.297; J.R.M.S.133p.1042; Malaisie;  
 Atlas pl.129f1,1a: *Cl. Nav. 2p. 65*;  
 ' v. *intermedia*, A.S., Atlas 129f3: Malaisie: *Cl. Nav. 2p. 65*; -(N. *billata*, v.)-  
 ' v. *rhomboidea*, A.S., Atlas 129f3: *Cl. Nav. 2p. 65*; (N. *billata*, var.)  
 DUX, E.-Ralfs, Prit.p.903: Det.S.p.133: (Pinn.)-  
 EGENA, A.S., Atlas 130f42,43: (Caloneis.)----  
 EGERIA- Pant.3p. -42f573; -(*Maest. 5-cost.*)  
 EGYPTIACA, Grev.-T.M.S.133p.127-12f16,17; Det.Syll.p.174;  
 Malaisie: (Caloneis.)  
 EHRENBURGII, K.B.p.92-3f33; K.S.A.p.71: Prit.p.906; Neup.Asatag p.  
 190-1f23; R.E.D.p.175; Nylander, W.; Brun Alp.p.80-3f23;  
 (N. *lanceolata*, E. Inf.; -N. *cryptocephala* & *viridula*.)----  
 ELATA, Fortm.Cey.p.27-3f33; Det.S.p.161; -(*athid. 1p. 101-7f13*)  
 ELEGANS, S.B.D.1p.49-16f137; Breb.D.C.p. : Grun.133p.534-2f57; Prit.  
 p.907; Carr.p.107; Heib.p.35; Hull; Roper, Thames; Donk.B.D.1.23-4f1:  
 R.E.D.p.132; Flogel, Baltic; O'M.I.D.p.333-3f19; Lagr.1373p.43; Wolle  
 pls.9f22; 24f9; Sm.Sp.T.270; Dannf.p.27; M.T.P.3-3-10; Malaisie; Cl.  
 139Ip.32; Det.Syll.p.146: *Cl. Nav. 2p. 68*;  
 > (Caloneis *amphisbaena*, v. *Fenzlii*: -N. *Fenzlii*, p.p.)-  
 ELEGANTULA, Grun.133p.522-1f29; R.E.D.p.203; Det.S.p.90:  
 ELESDIANA, Pant.Ip.24-17f152; 2, p.45; Det.S.p.72: -(Dipl. *splendida*, v.)-  
 ELGINENSIS, E.-Ralfs, Prit.p.902; Cl.133p.35; Wolle 20f22;  
 Det.S.p.57: *17p. 101-7f13*; (N. *dicephala*; -Pinn.)----  
 ELLIPSIS, W.S.-Hull list;  
 ELLIPTICA, S.B.D.1p.43-17f152; O'M.I.D.p.391-33f2;  
 (N. *lyra*, var., & *Smithii*.)  
 ' var. 'a' *sporangialis*, S.B.D.1p.43-17f152a: Front.; -(Diploneis *S.*)---  
 ELLIPTICA, E.-Abh.Ber.1344p.204; K.B.p.93-30f55; K.S.A.p.30; S.B.D.2,  
 p.92; Prit.p.399; Carr.p.103; Heib.p.31; Grun.133p.531; 1333p.13;  
 1373p.17; R.Alg.E.Nos.502,735 sub; Neup.Asat.p.192-2f47; R.E.D.1.179:  
 Cl.1337p.335: 1333p.226; Cl.& M.No.137; 133Ip.9; Vega p.491; Donk.B.  
 D.p.7-1f6; Schum.H.T.p.39; 1334p.21; New Zealand; Roper, Thames; Hull;  
 Nylander, W.; Eiben, 1371; O'M.I.D.p.334-32f21; Lanzi, Tor.; Lagr.1373p.  
 27; 1373p.33; Atlas 7f29-32,23,24,54,55; Brun Alp.p.77-3f13; Sm.Sp.T.  
 271; M.T.P.3-3-3; Dannf.p.30; Tanarek 1379p.34, f15B; Gallik, Papan; V.  
 H.S.p.92-10f10; Deby Polder p.17; Strose, Kleiken; V.H.T.No.107: Det.  
 Syll.p.39; Atlantic City; Delogne; Belloc, Lichonp.43f13; Pet., 1333:  
 Lake Michigan; Perag.p.59; Wolle 14f13,19; Herib.p.104; *17p. 101-7f13*;  
 (Cocconeis *Finnica* & *striata*; -Diploneis; -N. *ovalis*, W.S., & *parvula*; -  
 Pinnularia *cocconeoides*.)--- *Petit, C.*  
 ' var., A.S., Atlas 7f27,28; ' var. 'b', S.B.D.2p.92;  
 ' v. *cocconeoides*, Rabh.E.D.p.130: Det.S.p.90: (N. & Pinn.c.)--  
 ' v. *costata*, O'M.I.D.p.335;  
 ' v. *Davidsoni*, O'M.I.D.p.335;  
 ' v. *disciformis*, R.-Det.Syll.p.90: (Pinn.d.)  
 ' v. *extenta*, Perag.p.59; R.E.D.p.130; Herib.p.105;

+ Eutomon, Petit Cap Horn:

+ Ergadensis, Petit Cap Horn:

Esoculus, forma elongata, Atlas 47 f 35, 37:

Esoc,  
|| var. florentina, Gr. - Cl. dm. #44: Atlas 44 f 8: - (Pinn. Leg. n. 51)

+ Excavata, Gr. - (vide N. lyra, vars.) - Jan. Gaz. pl. 15 f 22:

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- v.fossilis, Pant.3p. -2f32; (Diploneis Smithii.)
  - v.grandis, Grun.1832p.145: (Dipl.ellipt.v.gr.)--
  - v.major, H.& Per.-Herib.p.105;
  - v.Minor, Rabh.E.D.p.180; Grun. 1832p. : DeT.Syll.p.90:  
(Diploneia e.; -N.parmula.)--
  - v.minutissima, Grun.-V.H.S.p.92-10f11; Lake Michigan; DeT.Syll.p.  
90; Malaisie: Herib.p.105; -(Diploneis puella; -N.puella Schum.)
  - v.oblongella, Naeg.-V.H.S.p.92-10f12; T.No.103; DeT.Syll.p.90:  
Herib.p.105; (Nav.ov.)----
  - v.ovalis, Hilse.-O'M.I.D.p.385-32f22; (Nav.ov.)---
  - v.parmula, Perag.p.59: (Nav.p.; -N.elliptica,v.minor.)-
  - v.parva, O'M.I.D.p.386:
  - v.puella, Schum., DeT.S.p.90: -(N.puella,p.p.; -Diploneis p.)----
  - ELONGATA, E.-Mik.1853p.77: -(Gyrosigma; -N.diagonalis; -Pl.angulatum.)----
  - ELONGATA, Grun.-A.Schm.N.D.p. -2f42; Petit, Nimrod: Fortm.Cey.p.27; Cl.  
Vega p.511; Wolle 9f37; DeT.S.p.139; Malaisie; Atlas 27 29:
  - ELONGATULA, Pant.2p.45-3f40; DeT.S.p.171: - (Caloneis.)-
  - EMARGINATA, E.-Abh.Ber.1840p.460; 139-3f33; Prit.p.393; R.E.D.p.223:  
DeT.S.p.181:
  - ENTOMON, E., Kreid.1840p.75: Amer.pl.1-1f3,4; K.B.p.100-28f74; K.S.A.p.  
83; Prit.p.393; Donk.B.D.p.49-7f5; Schm.N.D.p. -1f13,14; O'M.I.D.p.  
401; Atlas 13f43-46,48,49; Lagr.1876p.36; M.T.P.3-3-5; Pet.Cat.p.26:  
Cl.1878p.4: Atlantic City; Wolle pls.12f6; 33f1; Villef.p.52; DeT.  
Syll.p.81; Malaisie: (Diploneis; -N.divergens & splendida; -Pinn.)--
  - vars., Castr.1837p.28-20f10,17:
  - EPSILON, Cl., LeD.No.13p.12-1f3; CC Nav. 2p.42:
  - ERGADENSIS, Ralfs, Prit.p.907; O'M.I.D.p.409-34f10; (Cancellata,v.imp)
  - EROSA, Cl.Vega p.468-33f28; DeT.Syll.p.33; -(Diploneis; -N.elliptica,v.minor.)
  - ERYTHROEA, Grun.1830p.539-3f17; Fortm.Cey.p.27; Atlas 3f22: (N.ClathrenFis)
  - ESOCULUS, Schum.1852p.139-9f153; 1367p. -2f51; R.E.D.p.190:  
Atlas 47f35,37; DeT.S.p.153; for elongula, 1840
  - ESOX, K.B.p.94-3f53; K.S.A.p.73; Prit.p.393-12f43; Pet.Cat.p.22; Neup.  
Asat.p.193-3f34; O'M.I.D.p.31f33; Sm.Sp.1.272; A.J.M.1873p.136; DeT.  
Syll.p.184; Wolle 23f14; Herib.p.31-4f4; (Pinn.)-
  - EUDOXIA, O'M.I.D.p.397-33f19; Atlas 3f39,40; Fortm.Cey.p.27; Villef.p.  
51; Vega pp.472,511; Wolle pl.14f6; DeT.S.p.176; Malaisie:  
(Dipl,contigua,var.)----
  - var., A.S., Atlas 70f71:
  - ETA, Cleve.-LeD.No.13p.13-1f5; CC Nav. 2p.42:
  - EUGENIAE, O'M.I.D.p.395-33f13; Atlas 3f44,45; N.L.W.D.p.7-7f13;  
Fortm.Cey.p.27; Wolle 10f10; DeT.S.p.175; -(Caloneis; -Dipl.contigua,v)
  - EURYALE, E.-Mik.p.356; Prit.p.911; DeT.S.p.139:
  - EURYCEPHALE, Rabh.S.D.p.40-6f70; Prit.p.901; R.E.D.p.199:  
DeT.S.p.151;
  - EURYSOMA, E., Kreid.1838p.130-4f10n; Mik.pl.3-1f36; K.B.p.103-21f17; K.  
S.A.p.37; Prit.p.911; DeT.S.p.135: (Cocconeis; -Stauroneis.)-
  - EXCAVATA, Grev.-T.M.S.1866p.130-12f15; Atlas 3f22-25; Fortm.Cey.p.27:  
Villef.p.49; Br.& T.p.72; Wolle 14f15,27; Pant.2p.45; DeT.S.p.106:  
▪ v.Angelorum, Brun & Temp.p.72: - (Nav.ang.)----

Exempta -

" var. atlas 69f13:

> Eximica, Gn. - atlas 212f7:

> firmarchica, Cl. Gn. - Cl. Nav. 2p. 28: - (Stauroneis Fr.)  
Oestrup 1897p. 321:

- EXCENTRICA, Grun. I330p.545-IfI; R.E.D.p.I30; Atlas 50f6,7; Wollé I312:  
(N.Bleischiana & maxima; -N.( & Caloneis) liber, var. ex.)
- EXEMPTA, A.Schm.N.D.p. 2f5; Atlas II f23,29; 69fI3,40; Cl.I373p.3;  
Fortm.Cey.p.28; Villef.p.55; Wollé I3f4; Det.Syll.p.34; Malaisie;  
(Diploneis e.)
- EXIGUA, Greg., V.H.S.pl.3f32; Amazon; (N.gastrum; -Pinn.)
- EXIGUA, Pant.3p7.---3f45:
- EXILIS, Grun.-V.H.S.p.I0I-I2fII,I2; T.No.I23:-(N.appendiculata,v.)---  
K.B.p.95-4f6; K.S.A.p.76; R.S.D.p.39-6f34; Prit.p.90I: Grun.I330p.  
553-2f30; Hoffmann,Marburg; Schum.I367p.55-2f3I; O'M.I.D.p.405-34f2;  
Spaner,Duren; Danf.p.27; Petit liste p.20; Bellée,Lichon; Wollé I0f  
40; Lake Michigan; Det.S.p.I42; (Achnanthisium microcephalum:-  
N.Falaisensis, lancetula, cryptocephala, var., & leptcephala)---  
Herib.p.IIO:
- EXILISSIMA, Grun.-V.H.S.p.I03-I4f30; T.No.I4I; Cl.Nav.(2)p.3: Det.S.p.167:  
(N.microcephala.)--
- EXILLIMA, Grun.I363p.9:
- EXPEDITA, A.S.,Atlas 69f6; Malaisie; Det.S.p.85: Petit list. Cey. p.28
- EXPLETA, O'M.I.D.p.394-33f9; Atlas 69f7,8; Det.S.p.I03:  
(Dipl.erabro,v.; -N.notabilis,v.)--
- EXTENSA, Ralfs, Prit.p.903: (N.decussata.)-
- EXSUL, A.S.,Atlas 2fI3; Vega p.496; Wollé I3f5; Det.S.p.I0I:-(N. ....)
- FABA, K.S.A.p.82; R.S.D.p.40; Prit.p.892; R.E.D.p.202:  
Det.Syll.p.3I: (Dipl.)
- FALAISENSIS, Grun.-V.H.S.p.I03-I4f5; T.No.I4I; Cl.Nares p. ;  
Herib.p.I20: Det.S.p.I66: Cl.Nav.2p.21: (N.exilis,K.)-
- \* v.lanceola, Grun.-V.H.S.pl.I4f6b: Cl.Nav.2p.21:
- FALKLANDIAE, E.-Mik.p.239; Prit.p.9II: Det.S.p.I39:
- FALLAX, Cleve Nav.p.I33-5f27;
- FAMELICA, Castr.-Cyclof.I339p.9; Det.S.p.I79:  
N.scopulorum,v.perlonga.)----
- FASCIATA, Lagr.I373p.34-2fII; Hedw.I374p.II9; V.H.S.pl.I2f34;  
Malaisie; Cl.Vega p.49I: Det.S.p.II7: (Caloneis.)
- FASCICULATA, Grun.-Cl.& M.No.I73; (N.scopulorum,v.)-
- FEBIGERI, Cl.-N.L.K.C.p.9-2f2I; Wollé II f3; Det.Syll.p.I24: (N. ....)
- (Achnanthes Danica; -N.Neumayeri,Pant.)-
- FENZLII, Grun.I330p.554-2f37, I333p.I53; R.E.D.p.I32; Danf.p.23;  
(Caloneis; -N.amphisbaena,v., & elegans.)-
- FILHOLII, Soubéiran.,Sulfur.p.63-IfIO: Det.S.p.I30:
- FILIFORMIS, Pant.3p7.---39f533;
- FIMBRIATA, Grun.- (Achnanthes heteropsis.)-
- FIRMA, K.B.p.92-2IfIO; K.S.A.p.7I: S.B.D.p.46-I3fI43; Braemar; A.M.N.  
H.I355p.5-IfI; Mull; Prit.p.909: Grun.I330p.542; I334p.47; Lew.W.M.C.  
pp.3,I0; N.& R.S.p.7I: Bleisch,I363; Donk.2.C.p.3I-5f7; S.G.I333p.  
63f33; Arenig Bach; M.J.I339p.294-I3f3; New Zealand; Amazon; Schum.H.  
T.p.47; I364p.2I; Pet.Cat.p.20; Sm.Sp.1.273; M.T.P.3-2-23; Lagr.I373,  
p.29: Atlas 49fI3,I43; Cl.Nares p. ; Kinnora; Brun Alp.p.74-7fI: A.  
S.M.I387pl.4; Bellée,Lichon; Wollé I9fIO; Det.S.p.I55; Herib.p.II3:  
(Neidium; -Frust.fulva; -N.( & Pinn.) alpestris, lata, var. & dilatata,  
Pannonica, tumescens, affinis, var.)

+ fluitans, -

*v. biconvexa*, Bn. - *Lesl.* 2, No. 22 p. 241-22 f 19, 20;

*v. cuneoquadrata*, Bn. - *Lesl.* 2 No. 22 p. 241-22 f 21, 22;

*fluitans*, O. B. 36 p. 132; *Monb.* 36 p. 53.

- var. "a" major, Grun. I330p.544-3fI; Lagr. I373p.29; Strose Kleiken p. IO-If5a; Sur. Jap. p. I3-2fI3l,m;  
 var. "b" dilatata, Schum. H.T. p.75-4f53; Sci. Gos. I337p. I53, fI5f; Lewis W.M.D. p.9; M.T.P.3-3-23: *Yam. 60 p. 243*: (Nav. a.)--  
 var. "g" amphigomphus, S.B.C. 24.90: S. Goss. I337p. I53, fI52; *Idio. p. II6*: (*cuneata*) (N. microstoma & a.)--  
 var. "d", Science Goss. I337p. I53, fI53:  
 v. affinis, Lewis, W.M.D. p.9: M.T.P.3-3-25: (Nav. aff.)--  
 v. amphirrhynchus, Lew., W.M.D. p.9: M.T.P.3-3-23: (Nav. am.)--  
 v. cuneata, Grun. I333p.545; Lagr. I373p.29; Strose Kleiken p. IO-If5b; Lew., W.M.D. p.9: (N. amphig.)--  
 v. dubia, Dickie & Gru.-Amazon:  
 v. Hitchcockii, E.-M.T.P.3-3-27: (Nav. H.)--  
 v. latissima, Greg.-Lew., W.M.D. p.9: M.T.P.3-4-I: (Nav. l.)--  
 v. scoliopleurioides, Pet. & Leud.; liste p. I9-IfI: T.M.S. I337p. I37fI: Petit Class. fI:  
 v. subampliata, Grun.-Atlas 49fI9; M.T.P.3-3-24: (N. sub.)--  
 v. subundulata, A.S., Atlas 49fI6; Wollé I9f9; Det. S. p. I26:  
 v. tropica, Dickie & Gru.-Amazon:  
 forma triundulata, Suring. Jap. p. I3-2fI3a-k:  
 FISCHERI, A.S., Atlas 3f33; Wollé I4fII; Det. Syll. p. I26:  
 (Nav. Johnsoni, Grev.)---- (*N. maculata*)  
 FISTULA, A. Schm. N.D. p.90-2f29: Det. S. p. I72:-(*Stenonopsis inconspicua*)--  
 FLAMMA, A.S., Atlas 42f27,28; Det. S. p. I73;-(*Stenonopsis*)  
 FLAMMULA, A.S., Atlas 42f26; Det. Syll. p. I73;-(*Stenonopsis*)  
 FLANATICA, Grun. I330p.527-If9; Cl. I373p. I7; Vega p. 455: Atlas 47f30; Det. S. p. 4I: (N. angustata, v.)----  
 FLATII, Pant. Sp. L. 22f350; (*Alloionopsis*)--  
 FLEXUOSA, E., *Abstr. I33Ip.30*: (N. & *Plenosigma attenuatum*)--  
 FLORIDANA, Cl.-N.L.K.C. p.3-IfI0; Wollé IfI7; Det. Syll. p. I35:  
 (N. fluminensis? *Pinn. flor.*)  
 FLOTOWII, Grun., V.H.S. p. I09-I4f4I; T. No. I46; Det. Syll. p. I63:  
 Cl. Navic. p. I32: (Diademsis.)--  
 FLUITANS, Br.-Brun I39Ip.34-I5fI6; Cl. I330p.23; Vega p. 455,355:  
 FLUMINENSIS, Grun. I330p.520-If7; Cl. I330p.23; Vega p. 455,355:  
 (Nav. floridana; -Pinn.)-- (*Pinn. quadrata*)  
 v. Kerguelensis, Grun.-Cl. I330p.23; Vega p. 455; (*Pinn. quadrata*)  
 v. minor, Grun.-Cl. I330p.23-IfI2; Vega p. 463;-(*Pinn. quadrata*)  
 FOEDERATA, Grun.-M.T.P.3-2-II: Det. Syll. p. I92;  
 FOLIOLA, Br.-Brun & T. p.43-7f5; Det. S. p. I22; Cl. Nav. p. I34;  
 FOLIUM, E., Kreid. I340p.76; Det. S. p. I90: (Pinn.)--  
 FOLLIS, E.-Inf. p. I79; Mik. pls. 5-3f6; I3-IfI4a-c; I5-2fI2; I7-IfI5;  
 I7-2f2I; Donk. B.C. p.44-3fI5; Nylander, W.: Lew., W.M.D. p. 2f25;  
 Schum. I339p.35-2f9; Hull: Kinnora;  
 (Biblium: -N. crux; -N. & *Frust. inflata*: *Plenosigma*)  
 FONTICOLA, Grun., V.H.S. p. I2f62; Det. S. p. I35: (Caloneis fasciata.)  
 FONTINALIS, Grun.-V.H.S. p. I03-I2f63; Cl. I330p.33; Det. S. p. I35:  
 (*Cal. fasciata*; -Nav. bacillaris, Y.)--

+ Fovipata,

" var. punctata, Cl. Nav. 2p, 65:

" " versicolor, - (var. vers.; - var. Rougierii; N. aedule, var. Cl.)

" " nummularia, Gr. - Cl. Nav. 2p, 66: (var. numoides:)

" " densestriata, Ad. - Cl. Nav. 2p, 66: -

" " balnearis, Gr. - Cl. Nav. 2p, 66: - (N. pygmaea, var. al.)

Formenterae Cl., 1881 p. 10-2 f 24: Atlas 46 f 17: Cl. Nav. 2p 30-31: <sup>10:</sup>  
 DE T. Sy Cl. p. 19: - (N. mediterranea?)

+ fortis, Greg. - Cl. Nav. 2p. 31:

+ fraudulenta, Ad. - (N. restituta?)

+ formenterae, Cl. - Cl. Nav. 2p. 10-2 f 24:



FORCIPATA, Grev., M.J. 1359p.35-3f10, 11: Prit.p.397: Carr.p.107: Donk.B.  
 D.p.12-2f4; Cl.1333p.226; Vega p.51f; Grun.1333p.13; R.E.D.p.173: A.  
 Schm.N.D.p. -1f45; 2f16, 13; Atlas 70f17; Algei, Baltic: Lager.1373p.  
 39; V.H.S.p.94-10f3; Perag.p.59; Villef.p.50; Atlantic City; Malaisie  
 Shark River; Wolle 13f13, 20; Det.Syll.1.97: Cl. nav. 2p.66-(N. Smith, v.)--  
 var., A.S., Atlas 70f34;  
 v.densestriata, A.S., Atlas 70f12-13: Villef.p.50; Det.S.p.97: +  
 v.elongata, A.S., Atlas 70f12: Villef.p.50;  
 v.minor, A.S., Atlas 70f32; Det.S.p.97: (= var. densestriata)  
 v.Pankorensis, Grun.1333p.100-1a, 115; Det.S.p.97:  
 v.nummuloides, A.S., Atlas 70f30, 31; Det.S.p.97: - (N. mularia;  
v. suborbicularis, Em.V. 1.S. pl. 10f5; Cl. nav. 2p. 66: (Nav.S.)--  
 v.versicolor, Grun.-Atlas 70f13-22; Schm.N.D.p. -2f17; V.H.S. pl.  
 10f3; Villef.p.50; Brun & T.p.73; Det.S.p.97: Cl. nav. 2p. 66:  
 FORMICULA, O'M.I D.p.397-33f13: Atlas 3f3: (Pinn.)--  
 FORMICA, E., Amer.p.130; Mik.pls.4-3f7; 17-2f10; K.B.p.101; K.S.A.p.  
 35; R.S.D.p.41; Prit.p.394; Nylander, W.: Deby, D.T.p. : Wolle pl.  
 24f12; Det.S.p.132; Phodusa, var  
 FORMICINA, Grun.-Cl.1373p.6-1f3; J.M.1373p.510-44f3; Det.S.p.79:  
 Atlas 160f38-41; 2/2 f8: (Caloneis.)--  
 FORMOSA, Greg.-T.M.S.1356p.42-5f3; Prit.p.909: Carr.p.106; R.E.D.p.  
 133; Sm.Sp.T.274; M.T.P.3-3-13; Atlas 50f12-14; Lager.1373p.44; Grun.  
 1373p.17; V.H.S.p.102-11f2; T.No.133 sub; Cl.1331p.9; Vega p.505;  
 1391p.35; Malaisie; Wolle 19f2, 11; Villef.p.46; Det.Syll.p.142;  
 (Caloneis; -N.Liburnica.)----- Petit, Cap Horn.  
 var., M.T.P.3-3-14; Atlas 50f8-11:  
 v.fossilis, Pant.2p.45-20f310; Det.S.p.143: -(Cal. liber, v. excoertr.)--  
 v.Holmiensis, Cl.1391p.35: (Cal. for. var. H.)----  
 FORTIS, Greg., Prit.p.905; Donk.B.D.p.57-3f3; Guinard p.34; O'M.I.D.p.  
 411: Atlas 46f19-22, 37-39; Pet.Cat.p.22; Grun.1333p.100: Lanzi, 1376  
 p.6; Cl.1373p.17; Vega p.470; Grevillea Vol.1p.79: Fortm.Cey.1.23;  
 Lager.1373p.33; Det.S.p.50: 4/3-(N. opima; -lim. constricta & 13) W. excoertr.  
 v.opima, Grun.1333p.100-1a, 113: Grevillea Vol.1p.79-5f14a, b; -(N. opima)  
 FORTUNATA, Fortm.Cey.p.23-3f27: Det.S.p.159: -(Cal. liber, v. genuina.)--  
 FOSSILIS, E.-Mik.pl.10-1f3; Prit.p.909: M.J.1332p.131; R.E.D.p.1223:  
 (N.Lewisiana; -N.rhomboides, s. grandal); W. excoertr.  
 FRACILIS, Heiberg p.84: (Berkeleya.)--  
 FRANCISCAE, O'M.I.D.p.339-32f30; Det.S.p.108:  
 FRACONIANA, Rabh. Alg. Eur. No. 1391; Law. Vol. 3p. 130;  
 FRAUDULENTIA, A. Schm.N.D.p. -3f13a; Atlas 70f30; Det.S.p.135; Cl. nav. 2p. 50:  
 FRAUENFELDII, Grun.-M.M.J.1377p.179: Cl.Nav.p.103: (Amphipleura H.)  
 FRIGIDA, Grun.1334p.51-1f25; Cl.1330p.39; Det.S.p.133;  
 (Nav. Mariana, v. minor.)--  
 FUCHSII, Pant.2p.45-10f170: (N. latissima, v.)----  
 FULVA, E., Reitrage 1331p.34; Inf.p.177-13f3; Amer.pls.3-1f9; 3-2f1; 3-  
 4f2; Mik.pls.1-3f16; 4-2f10; 7-1f5, 7-2f3, 7; 7-3a, f13; 1-1f1;  
 3-3f4; 9-1f17; 13-1f2; 15-2f10; 34-12a, f5; 39-3f34; Abh. Ber. 1332p.

~~Gamma~~, ~~Gamma~~ - Em 7-1f6:

fusiformis, E. Abh. B. 1829 p. 17:



Gamma.

"V. rectilineata, Cl. var. 2p. 45: Led. no. 13p. 12-1f1:

+ gastrum, Austrum Mar. D. pl. 48 40: 1897 p. 319:

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- 66-IfII; I87I.1.I(B)f53; R.S.D.p.57-6f62; weisse I860, 359-3f28; Cl.  
p.307-2f53; Donk.B.D.p.4I-6f9; O'M.I.D.p.358-3If2; Kinnora; Prollins,  
p.59; Spamer, Duren; Del.S.p.I87; Hoffmann, Marburg;  
(Bacillaria Phoenicenteron; -Cymbella f. & minor; -Frustulia anceps,  
depressa, f., major & parvula; -N. cuspidata; -Pinnularia; -Pinnosiph-  
onia; -Stauroneis birostris.)-
- FUSCA, Greg.-Ralfs, Prit.p.393; Grun.I863p.I50; Carr.p.I03; Donk.B.D.  
p.7-If5; R.E.D.p.I79; Flogel, Baltic; Pet.Cat.p.25; Atlas 7f2-4, 7-9;  
3f33-37; O'M.I.D.p.335-32fI7; Cl.I873p.I5; Vega p.472; Lagr.I873p.33;  
Deby Polr.p.I7; Wolle I2f25; Pant.2p.45; Del.Syll.p.37; Villef.p.50;  
V.H.S.p.9I-B, f24; T.No.I05; Brun & T.p.72; *Petit, Cap Horn*; - (Diploneis  
borealis & f.; -N.Smithii, v., & hyperborea; -Pinn. quadrifasciata.)--
- " vars., A.S., Atlas 3f5I; Villef.p.5I; Malaisie:
- " v.delicata, A.Schm.N.D.p.87-If26; Atlas 7fI; Malaisie:-(Dipl.f.v.de)
- " v.delicatula, Perag.Villef.p.50; Del.S.p.37:
- " v.excisa, A.Schm.N.D.p.87-2f9; Del.S.p.87:-(Dipl.hyperborea v.exc.)--
- " v.fuscata, Deloni, Syll.p.87:
- " v.pernagna, Pant.2p.46; Del.S.p.33:-(Dipl.major, v.f.erm.)---
- FUSCATA, Schum.I867p.57-2f43; O'M.I.D.p.378-32f4; Dannf.p.29;  
(Caloneis (& Nav.) amphisbaena, v.: -N.humerosa, v.)
- FUSIDIUM, E.-Amer.p.I30; Mik.pls.5-3f4; 7-IfI6; K.B.p.96; V.S.D.p.77;  
Prit.p.90I; R.E.D.p.224; Wolle 23fI0; Del.S.p.I84;
- FUSIFORMIS, Grun.-M.M.J.I877p.175-I95fII; Del.Syll.p.I25; Cl.Nav.p.I06;  
(Amphipleura Danica & Fraudenfeldii; -Berk.fusidium; -Thiodionensis.)
- " v.ostrearia, Gaillon.-Grun., M.M.J.I877p.176-I95fI2; Cl.& M.No.I48;  
V.H.S.pl.I4f33; A.J.M.I879p.I02; Cl.Nav.p.I06: -  
(Nav.ost.; -A'pleura.Danica; Vibrio ostrearius.)--
- FUSIOIDES, Grun.-Cl.I880p.46; Del.S.p.I64; Cl.Nav.p.I33:-(N.sabala, Gr.)
- FUSUS, E.-Del.Syll.p.I9I:-(Pinn.)--
- FUTILIS, A.S., Atlas I3fI7, I8; 39f36; Fortm.Cey.p.23; Cl.Vega pp.495,  
505; Malaisie; Wolle I7f8; Del.S.p.35: (N.vana.)
- GAILLONII, Bory Encyclop.I824; Dict.Vol.24f4; (Synedra.)--
- GALEA, Br.-Brun I89Ip.34-I6f7: *Cl. Nav. 2p.34*:
- GALLICA, W.S.-Lagr.I873p.33; V.H.S.pl.I4f39; T.No.I47;  
Del.S.p.I68: (Diauesmis.)---
- GALIIKII, Pant.2p.46-3fI92; Del.S.p.55: *Cl. Nav. 2p.46*:
- GALLAPAGENSIS, Cl., M.L.K.D.p.14-3f40; Del.S.p.I0I:-(N.Powelli, v.: -Gal)
- " v.Japonica, A.S., Atlas I60fI6; (Caloneis Gallap.var.Jap.)----
- GALVAGENSIS, O'M.I.D.p.4I0-34fI2; Del.S.p.52;
- GAMMA, Cleve.-Lew.No.I3p.I2-IfI2; *Cl. Nav. 2p.44*:
- GARGANICA, Ralfs, Prit.p.90I; R.E.D.p.I97; Del.S.p.33: (Pinn.)
- GARKEANA, Grun.-Cl.Nav.p.I55: (Rhoiconeis.)
- GASTROIDES, Greg.-M.J.I855p.39-4IfI7; S.D.D.2p.I02; Mill:-(N. pusilla.)-
- GASTRUM, E.-K.B.p.94-28f53; K.S.A.p.74; Prit.p.900; Donk.B.D.p.22-3fI0;  
B.J.N.H.I862p.333-f34; Lew.W.M.D.p.II-2fI7; O'M.I.D.p.4I5-34f23; V.  
H.S.p.37-3f25; Cl.I830p.3I; Vega p.465; I89Ip.3I; Wolle I0f2;  
Lake Michigan; Del.S.p.50; Pant.3p.7-3f43; Herib.p.I02; *Cl. Nav. 2p.44*:  
(N.varians; -Pinn.g. & Kefvingensis: *Nexigua, pp. 2p.44*.)

2. forma minor, Gn. 1882 p. 30 f. 51: - (*N. placentula*) V.N.S. 8 f. 27:

2 var. *anglic*, Cl. 1880 p. 34:

+ v. *Jenniseypensis*, Cl. Nav. 2p. 23: - (*N. Basilica*) Oestrup 1897 p. 319:

+ v. *Exigua*, - (Pinn.) - *N. gastrum* var. *ex*:

+ *gelida*, Cl. -

" v. *subimpressa*, Gn. - Cl. Nav. 2p. 29: - (*N. subimp.*) -

" v. *tenuis*, Cl. Nav. 2p. 29: - (*N. subimp.* var. *t.*) -

+ *gibba* Tolsta p. 423: (of Bonk., = *P. tauroptera*: -  
Bleich, in Rath. Alg. Sachs. No. 951 = forma *culta* = (*P. gibba*).

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forma elliptica, H. & Perag. - Herib. p. 102:

v. Boryana, Pant. 2p. 46; Det. Syll. p. 54: *Cl. Nav. 2p. 23:*

v. exigua, Gr. - Cl. 1330p. 31; Det. S. p. 54: *Cl. Nav. 2p. 23:* (N. & Phil. ex.)

v. Jennisseyensis, Gr. - Cl. 1330p. 31-1123; Vega 1. 466; Det. S. p. 54: /

v. latiuscula, Gr. - Cl. 1330p. 31; Det. S. p. 54:

v. placentula, H. V. H. S. p. 37-3f26, 28; Det. S. p. 54:

(Nav. 1)

v. Styriaca, Gr. 1332p. 144-30f30, 31; 1334p. 46-1135; Det. S. p. 54;

(N. punctata, v. asymetrica & N. amphibola.) ----

GELICA, Cl. - Gr. 1334p. 51-1f27, 28; Cl. Vega p. 475-3f142; (N. K. & Phil. ex.)

Det. S. p. 133: *Cl. Nav. 2p. 28: Oestrup 1897p. 321:*

(N. K. & Phil. ex.) -

GEMINA, E. - Mch. Ber. 1340p. 19; K. B. p. 100; K. S. A. p. 33; Prit. p. 394; R. E. D.

p. 205; Schm. N. D. p. 51-1f1; 2f1; 1373p. 400-512; Atlas 1314-9; 11f15;

Deby Polder p. 13; Pet. Nimba; Wolle pls. 11f12, 13; 12f3; Villef. p. 52;

(Diploneis; -N. bombus; -Pinn.) -

v. densestriata, A. S., Atlas 1311f, 12; Fortm. Cey. p. 23; - (Cl. l. d., var. l.)

~~1311f, 12; Fortm. Cey. p. 23; - (Cl. l. d., var. l.)~~

~~(Dipl. bombus, v. l.)~~

GEMINATA, Turpin Mem. Museum Vol. 16p. 306-13f2;

Prit. p. 394;

(Frustulia.)

GEMMA, E. - Kreid. 1340p. 73-4f5:

(Sarcinella.)

GEMMATA, E. - Linn. New Phil. Jour. 1359p. 30-4f7; Prit. p. 394; R. E. D. p. 223;

Cl. 1373p. 4; Fortm. Cey. p. 23; J. Q. C. 1335p. 133; 1336p. 322; Det. Syll.

p. 69: *Petit, Cap Horn:*

(Diploneis.)

v. ciseriata, Gr. 1333p. 100-1a, f13; Grevillea Vol. 1p. 91-3f1; Det.

Syll. p. 69:

(Nav. 4 (Dipl. gem.) --

v. fossilis, Pant. 1p. 25-20f131; Det. S. p. 69:

(Dipl. g., var. f.)

v. Mediterranea, A. S., Atlas 3f42; Pet. Cat. p. 25; Villef. p. 51;

Det. S. p. 69:

(Dipl. M.) -

v. spectabilis, A. S., Atlas 3f33; Fortm. Cey. p. 23; Pet. Cat. p. 25; Wolle,

10f46; Villef. p. 41; Malaisie; Det. S. p. 69: - (

(Diploneis g.: -Nav. Grunowii & s.)

GEMMATULA, Gr. - Atlas 13f19-21; Fortm. Cey. p. 23; Cl. Vega p. 505;

Det. S. p. 85: *Petit, Cap Horn:*

(Dipl. g. & splendida.) ---

var., Cl. 1373p. 3; J. Q. C. 1333p. 137-121f;

GEMMERA, A. S., Atlas 2f6; Det. S. p. 101: *Cl. Nav. 2p. 61:*

GENTILIS, Conk. B. C. p. 69-121f; Damf. p. 20; V. d. Type 53; Det. S. p. 10:

Herib. p. 31: *(Pinn. Atlas p. 2 f 2.)*

(P. major, v. crassa.) ---

GENUELEXA, K. B. p. 101-2f13; K. S. A. p. 35; Prit. p. 910; R. E. D. p. 223;

(Rhoiconeis.) - *Cl. Nav. 2p. 25:*

GIBBA, E. - Beitrag 1330p. 64; Inf. p. 184-13f19; - (Eunotia nouosa; -

Epithemia g. & ventricosa): ----- K. B. p. 93-23f70; K. S. A. p. 30; 2. 11k.

pls. 1-3f3a, b; 9-1f21; 10-2f2; 13-11f3; 15(A)f15; Mass. Alg. p. 402-102f

4; Prit. p. 393; Gr. 1330p. 517; 1331p. 17; Arctia Bach; Schm. 1334p. 21;

1337p. - 2f54; Conk. B. C. p. 70-120f; Cl. 1333p. 22f; 1334p. 7; Arctia;

Nylander, W.: Lake Michigan; Atlas 45f45-51; Petit, 1333; liste p. 21;

M. T. P. 3-3-17; - - - - - Vinnia; 3f10, 11, 12; 1. 3.

C. 1337p. 72-33f12; Malaisie; Perag. p. 53; Wolle 20f9-11; 33f3; 12f16.

p. 92:

(N. brevistriata & stenopectera; -Pinn. crenata & s.) ----

*Glacialis* - Atlas Proterid. f 13:

+ gigas, Tolstap. 423:

glacialis, (Kerg., PE) -

" var. septentrionalis, Ch. Nav. 2p. 41: Atlas 6 f 37:

Oestrup 1897 p. 321:

Gomphonemacea - (Anomoeoneis exilis, v. gom.)

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- v. acrosphaeria, Bréb.-V.H.Type No.65: (Nav.ac., Br.)--
- v. Boeckii, E.-O'M.I.D.p.343-30f20: (Nav.Bs.)--
- v. brevistriata, Cl.I33Ip.3; Malaisie; (C. M.)--
- v. hyalina, H. & Perag.-Herib.p.92-41f4; -(Pinn.gibbula)
- v. major, Grun.I33Op.5I7-2fI6; O'M.I.D.p.343:"

- v. parva, O'M.I.D.p.343-30f2I;
- v. Peckii, Grun.I33Op.5I7-2fI7; Sm.Sp.T.275: M.T.P.3-2-I3; V.H.S.  
pl.3f5; T.Nos.34, 35 sub; -(Pinn.gibbula, v. s.) (Stadler, 1912.)--

- GIBBERULA, K.B.p.I0I-3I50x: K.S.A.p.34; Brébér; S.A.D.I.3I-I7fI50;  
Mull; Prit.p.393; Carr.p.I03; Schum.A.T.p.73; Roper, Thanes; Mull;  
O'M.I.D.p.333; Pet. & Leud.; Lagr.I373p.3I-If7; Hoffmann, Marb.: Del.  
Syll.p.I43: Woll.I0f38; ~~Cocconeis~~ silicula, v.; -N. linosa, var., & imula.)--
- v. capitata, Lagr.I373p.3I-If7a; Del.S.p.I43: (N.gibbula, v.)--
- v. oblonga, Lagr.I373p.3I; Del.S.p.I43: (N.gibbula, v.)
- v. subinflata, Woll pl.I0f35;

- GIBBULA, Cl.Navic.p.I40-5fI7; (N.gibberula, p.f.)--
- v. capitata, Lag.-Cl.Nav.p.I40: (N. " , v.)
- v. oblonga, Lagr.-Cl.Nav.p.I40: (N. " , var.)

- + GIEBELII, A.S., Atlas I2f73; Woll I5f3; Del.S.p.35: -(Dipl.crabro, v.)--

- \* GIGAS, E.-K.B.p.93; K.S.A.p.80; Prit.p.396; Grun.I33Op.5I5; Erbal.  
Critt.Ital.No.I33; Castr.Intras.I335No.3I; Reaw.Vol.5p.3: Cl. & M.24:  
M.T.P.3-I-I9; Atlas 42fI, 2: Woll I3f5; Del.S.p.9: (Pinn.9) 42f

- v. gracilis, Herib.p.8I:
- GLACIALIS, E.-Del.Syll.p.I87: (Pinnularia.)---

- GLACIALIS, Cl.Vega p.47I-37f4I; Cl. & M.No.302; Atlas 3f39; Petit, Ca.  
horn p.I23-I0fI6, I7; Grun.I334p.3-If3I; Del.Syll.p.I34: ~~Cocconeis~~ p.10+18x:
- (Cocconeis; -N. & Pinn.Kerguelensis, Castr.)---

- GLANS, E.-Inf.p.I33; Mik.pls.I5-3f4a-c; I7-2f23; I5-2f43; K.S.A.p.II;  
(Biblarium; -Odontidium.) Mon. 13. 1838

- GLOBICEPS, Greg.-Ralfs, Prit.p.397; Cl.Nares p. : I33Op.27; Vega p.  
434; Lagr.I333p.27-2f5; V.H.S.p.79-A, fI3; Lake Michigan; Del.S.p.  
3I; Woll 9f33; Herib.p.95; ~~L. longica~~ (N.humilis, Donk; -Pinn.)--

- v. crassior, Grun.Cl.I33Op.27-IfI3; Vega p.434; Del.S.p.3I;  
(Pinn.mesolepta.)- Atlas 45f79:

- GLOBIFERA, O'M.I.D.p.4I7-34f32; Del.S.p.46:

- GLORIOSA, Brun, I39Ip.34-I5f3; -(Dipl.crabro, var. gl. ~~suspecta~~)

- v. inflata, Brun, I39Ip.34-I5fI2:

- GOEPPERTIANA, Hantzsch.-Sm.Sp.9.No.276: (N.nitica, v.: -Stadleris.)-

- GOESII, Cl.I373p.3-If7; J.M.I373p.5f5-4f7; Del.S.p.92;

- \* GOMPHONEA, Grun.-V.H.S.p.I. I2fI3; Del.S.p.I4I: (Gomphonema vitreum.)

- GORJANOVICII, Pant.Ip.25-9f3I: Del.S.p.33: -(Dipl.interrupta, v.)-

- v. major, 2p.43-5f73; Del.S.p.33;

- GOTTLANDICA, Grun.-Cl. & M.sub No.I0I: V.H.S.p.1.3I3; Del.S.p.I39:  
(N.rhynchocephala.) Cl.Nav.p.44(2):

- GRACILIS, E.-Beitrag I33Op.34; Inf.p.I75-I3f2; Ann.pls.I-4f2; 2-I0f3;  
Abh.B.I346p.I79, pl.2: Mik.pls.5-3fI9; 7-IfI9-2I; 7-3b, f3; 7-4f2; 9-  
IfI9; I3-2fI3; I6-IfI5; 34-I2a, f4; 38A-3f9; 39-3f35; K.B.p.9I-3f43;  
30f57; K.S.A.p.39; R.S.C.p.33-3f34; Marissal, p.23; Mathier, p.11.

Gracillima, cl. tm. no. 103: atlas 45f62; - (Pinn. gracill. v. angusta.)

+ Granulata, Bail. : cl. Nav. 2p. 48; - (N. polyticta; N. Baileyana.)  
" v. heterosticta, a.s. atlas 6f15, 16; (teste Cl.)



906: weisse 1360p.359 3f3I; 1364p.360-4f2; Nylander, W.: Neupr. Asatag p.192-2f46; Brugger p.237: Gran.1360p.525-2f27; Schum. H.T. p.39; 1362p.132-6f42; R.E.D. p.171; Cl.1367p.335; 1361p.9: 1361p.3I; K. & Z. p.16-1f17: Gallik, Papan; Eiben, 1371: Prollius p.32; O'M.I.D. p.406-34f4; Sm. Sp. T.277; Dannf. p.23; Atlantic City; Pet. Minrod; liste p.20; V. i. S. p.35-7f7, 3; T. No. 3I: 1361p.3I; Spamer, Duren; Lake Michigan; Belloe, Luchon; Wolle 10f22, 23; Det. S. p.40; Herib. p.99: *Cl. Nav. 2p.17*

(Bacillaria palea & Phoenicenteron: -Cymbella Hopkirkii & hyalina; -Frust. avenacea, conspurans, multifasciata, oblonga & palea; -N. lanceolata; -Pinn.; -Pleurisiphonia.)--

v. laevis, K.-R.E.D. p.171: Brun. Al. p.35 7f5: Det. S. p.4I: (Nav. l.)--

v. schizonoides, V. i. S. p.33-7f9, 10: Det. S. p.11. p.4I: *Cl. Nav. 2p.17*  
(Schizonema neglectum, p.1. 8f1: *Cl. Nav. 2p.17*; Orstrup, 1897 p.316)

v. VanHeurckii, Herib. p.99:

GRACILLINA, Greg.-Gran.1360p.52I: Prit. p.902; R. D. ex. No. 40; R. E. D. p.199: Arenig Bach: Schum. H.T. p.70-4f49; O'M.I.D. p.356-30f43; Brun. Al. p.76-7f35; Nylander, W.: Vinnora; Amazon: Perag. p.30; Cl.1361p.33; Herib. p.87: (Pinn. g., Hilsena, linearis, tenuis.)--

var., A.S., Atlas 45f62/63; V.H.S. pl.3f24:

v. linearis, Greg.-Rabh. E.D. p.200: (Pinn. l.)----

v. subcapitata, Greg.-Rabh. E.D. p.200: (Pinn. s.)--

v. tenuis, Greg.-Rabh. E.D. p.200: (Pinn. t.)--

GRACILLI, Gran.-Atlas 7f5, 3; 3f33-37; Pet. Minrod; P. Minrod; Cl. Vega p.407, 51I; Det. S. p.94: *Cl. Nav. 2p.17* (Di. longis.)--

GRANULATA, E. ~~Mar~~ Ber. 1361p.53: 6f1 (Cyst. longa; -E. longa; -E. longa.)--

GRANULATA, Ber. 1361p.53: 6f1; Prit. p.903; Bailey, N.S. p.10, 11; Donk. B. D. p.17-3f1; Carr. p.105; Mull; Gilg. p.34; Cl.1360p.220; R. E. D. p.201; O'M.I.D. p.377-32f2; ~~1361p.53: 6f1~~; Fort. Coy. p.23; Sm. Sp. T.273: Lanzi, 1373p.5; V. i. S. p.93-1f13; Shark River; Perag. p.30; Cl. Syll. p.127; Malaisie; Wolle 17f14; Pant. 2f.43;

var. "b" punctulata, Carr. p.105: (Cl. S. - var. longa, 7f1)

var. "g" latissima, Carruth. p.105: (Nav. l.)

var. "d" humerosa, Carruthers p.105: (Nav. h.)--

v. Javanica, Fortm.-Ann. Bot. Brit. 1392p.17-2f2;

GRANDIS, Gran.1362p.145: -(Di. longis elliptica, var.)----

GRANU, Schum. 1367p.53-2f43: -(N. gregaria, v. neglecta, linearis.)---

GRANUM-AVENAE, Schum. 1367p.53-3f33; Det. S. p.169: (N. gregaria.)--

GRATA, Pant. 2p.43-1f2I; Det. Syll. p.130: *Cl. Nav. 2p.17*

GREGARIA, Donk.-M. S. 1361p.10-11I; R. E. D. p.177; Sm. Sp. T.279; Cl.1361p.9; V.H.S. p.35-3f12-15; T. No. 94; Perag. p.53; Det. S. p.43; Herib. p.102; Cl. Nav. p.103: -(N. granum-avenae, lanceolata & veneta; N. elongata)

v. Thirholmensis, Dannf.-Cl. Nav. p.109: -(N. T., & laevis of Pant.)--

GREGORIANA, Grev.-M. S. 1367p.10-3f7: (N. clavata & 1361p.10)

GREGORII, R.-Ralfs, Prit. p.901: Schum. N. D. p.70-2f22; *Cl. Nav. 2p.17*

(N. cancellata, var. -Pinn. apiculata & G.)--

GREGORII, O'M.I.D. p.403-33f3I; Det. S. p.72: (N. didyma, "g".)---

GREVILLEI, Ag.-Herib. p.33; Cl.1367p.333; Vega p.473; Nav. p.132; Lagerst. 1373p.44: -(Libellus; -N. libellus & Delognei; -Schizonema concolor & G.)

> Groovei, Cl. L. D. vol. 2 p. 15-1 f 14: Nav. 2 p. 45:

+ Gründleri, Gn. -

" Var. symmetrica, Cl. Nav. 2 p. 51:

> Guatemalensis, Cl. Gro. - L. D. vol. 2 no. 19 p. 144-9 f 2:

+ Guttata, Cl. Sm. Subnos. 154, 155:

" var. maxima, Cl. Nav. 2 p. 35:

" " Peragalli, Cl. Nav. 2 p. 35: - (Nav. Perag.)

Nationata

" var. robusta, Pt. - Cl. Nav. 2 p. 69: - (N. robusta, Pt.)

+ Haueri, Cl. Nav. 2 p. 18:

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- GROENLANDICA, Cleve, N.L.K.D.p.7-11f13; Vega p.465; Wolle pl.IIf17:  
 > Del.Syll.p.13: (Pinn. Fr.)-
- GRUNDLERIANA, O'M.I.D.p.366-31f25; Del.S.p.II3:
- \* GRUNDLERII, Grun.-Cl.-A.Schm.I373p.407-31f5,3; Atlas I310,33; O.M.  
 C.I336p.323: Cl.Vega p.511; Wolle IIf13,9; -(Albioneis-Diploneis.)--
- GRUNOWII, Rabh.E.D.p.203; Atlas 70f73; Brun & T.p.73: Malaisie; O'M.  
 I.D.p.332-31f17; Castr.I337p.23-15f9: (N.Fenzlii:----  
 N.spectabilis; -N. & Diploneis gymmata, var.s.)
- GRUNOWIANA, Deloni, Syll. p.1: -(N. erieifera & 100 stellata, p.1.)-
- > GUINARDIANA, Brun, & Temp.p.48-51f9; Del.S.p.73: (Dipl.)---
- > GUROVII, Pant.3p7.---4f53; Cl. Nav. p.109:
- > GUTTULIFERA, Rabh.S.D.p.40-51f74; Prit.p.910; Del.S.p.191:
- GUTVINSKI, Pant.3p7.---14f217; -(Pinn.viridis.)
- GUTTAIA, Grun.-Cl.I330p.37; Atlas 43f10; Del.S.p.34; (Dipl.)
- H.ALBUM, Cleve Nav. 1 pl-4f3,9: 2 p.55:
- HABNII, Petit Cap Horn p.124-10f11; Notar.I333p.322; Del.S.p.153:
- HALIONATA, Pant.Ip.25-11f94; Notar.I333p.471; Pant.2,p.43;  
 Del.S.p.13: Cl. Nav. 2 p.68:
- v.directa, Pant.2p.43-12f211; Del.S.p.13: Cl. Nav. 2 p.67:
- > ■ v.minor, Pant.2,p.46-23f331: Del.Syll.p.13: Cl. Nav. 2 p.69:
- HALOPHILA, Grun., Cl. Nav. p.109; -(N. protracta, minor; -N. cis, later, var.h.)
- HAMULIFERA, Grun.-Cl.I330p.44; Nav.p.131-31f3-13; (Dipl.)
- v.interrupta, Cleve Nav.p.154-3f19:
- HANTKENII, Pant.2p.46-3f150; Del.S.p.74: (Dipl.Chersonensis.)
- HARADAAE, Pant.3p.---3f100; Cl.Nav.p.129:
- HARPA, E.-Abh.Bel.I343p.133; Del.S.p.192:
- HARILEYANA, Grev.-Sm.Sp.1.33.230; A.S. I373p.133:  
 Del.Syll.p.13: (Pinn.)
- HASTA, Pant.3p7.---5f74; 14f213; Cl. Nav. 2 p.25:
- HAYNALDII, Pant.2p.47-24f101; Del.S.p.384: (Dipl.)
- HAYTIANA, Witt I333p.17-4f9: (N. protracta, v.)----
- HAUCKII, Cl., N.L.K.D.p.9-2f27; Cl. & N. No.203; Del.Syll.p.110;  
 (Caloneis liber, v.genuina.)--
- \* HAUSERI, Grun.I332p.113-50f43; Del.S.p.39; Pant.3p7.---31f105;
- HAZLINSKYI, Pant.2p.47-11f193; Del.S.p.133; -(Cal.silicula, v.ventricosa)
- HEBES, Rafs, Prit.p.393; Carr.p.103; Conn. p.2.1.23-3f12; R. & C. p.133:  
 O'M.I.D.p.364-31f21; N.L.K.D.2-10; Sm.Sp.1.231: Cl.I331p.5: I391p.  
 35; Kinnord; V.H.Type 73; Del.S.p.133: (N. protracta, v.)--
- v.bivittata, Rabh.E.D.p.139; Del.S.p.133;
- v.lata, Rattr.-or. Roy. Soc. Ed. I330p.422-20f12,9; Del.S.p.133;
- HEBETATA, W.S.-Cat. Brit. Mus. p.26; Carr.p.103; Del.S.p.137:
- HEERI, Pant.2p.47-11f193; 12f10; Del.S.p.71;
- HEMIPTERA, K.B.p.99-30f11; K.S.A.p.73; Prit.p.903; Grun.I330p.519-2f  
 20; Nylander, W.: Schum.H.T.p.73; Cl.I337p.334; I333p.223; O'M.I.D.p.  
 349-30f22; Lagr.I373p.21; Atlas 41f23,27; N.L.K.D.2-1-5; Sm.Sp.1.231:  
 Kinnord; Petit & Leud.; liste p.21; Belloe, Lichon; Lake Michigan;  
 Wolle 17f19,20; 12f10.p.31: -(N. viridis, v., & constricta; -Pinn.)
- vars., A.S., Atlas 43f10; 12f10.p.35:

*Hennedyi* - Greg. - Cl. nar. 2p. 57; - (M. Lyr. p.p.)

7 11 var. *p. contracta* Petz. n. sp. Cat. p. 24-4 f. 13: J.R.M.S. 1878 p. 245-14 f. 13:

11 v. maxima, Cl. Nav. 2p. 58:

" *v. tenuistriata*, Ch. Nav. 2p. 58!

" v. Schleinitz, Jan. - Cl. Kar. 2p. 581 - (Kar. Schl.)

" *V. finitima*, Jan. - Cl. Nav. 2p. 58: Gaz. Ex. 15 f 2-4; 18:

" *V. californica*, Gies. - Cl. Nav. 2p. 58: (N. Cal. var. *Campeach.*)

" v. *circumsecta*, Gn. - Cl: Nav. 2p. 58: - (*N. polysticta* var. *circ.*;

*N. calif. p.p.s.* -  
" *v. Neapolitana*, cl. nav. 2 p. 58:

11 *v. nebulosa*, Greg. - Cl. Hav. 2p. 58: - (var. neb.)

" v. " forma bacillifera, Rk. - Cl. Nav. 2p. 58; - {H. Henn. v. abnormis.  
" v. " "

~~*v. abnormis*, A.S. atlas 129 f 14: (var. *nebulosa*)~~

" *r. difficilis*, Pt. - *Cl. nav.* 2p. 59: - (*var. dif.*)

11 v. *caliginosa*, Grove & Ch. - Cl. Mar. 24. 59: - (var. *calig.*)

4 " v. constricta, P.S. - de. nar. 2p. 59!

7 Hermannia, Reichenb. - Sed. 2, No. 19 p. 144-9 fl:

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*Md.*

- var. "b" stauroformis, Lagr. I373p.2f; (Pinn. S., n. S.)
- v. Bielawski, H. & Per. Herib. p.35-4f10; (Pinn. hemip/era.)
- v. macilenta, .-wolle pl.20f6;
- HEMPRICHII, E.-Det. Syll. p. I90: Mic. p. I92: -(Pinn.)--
- HENREDYI, ~~Syll~~ <sup>Syll</sup> v.-1. N. S. I356p.40-5f3; S. S. S. 2f.96; Prit. p. 393-7f10; Jan. Gu. p.23-2f13; <sup>Stenoh.</sup> Grun. I350p.532-I12f; Conk. S. S. p. II-200; R. S. S. p. I73; Carr. p. I07; Hull: Lew. N. & R. S. p. 67; Cl. I357p.665: I368p.225; I373p. I6: I373p.4; Vega pp.472, 505, 511; <sup>Stenoh.</sup> Atlas 3f13; I29f10; Fortm. Cey. p. 29-9f33; *Petit. Cap Horn*; Mobile; O'M. I. D. p. 336-32f24; Lagr. I373p.4p; <sup>Stenoh.</sup> Shark River; Deby Polder p. I3; Atlantic City; V. S. S. p. 93-9f14; T. No. I09; Malaisie; Witt I335p.29-9f5; Villef. p. 47; wolle I4f23-30; Brun & T. p. 72; Pant. 2p. 47; Det. S. p. I03: -(N. caliginosa; -Staurosis angulata.)----
- v. centraster, Cl. Nav. <sup>Stenoh.</sup> I4f14; <sup>Stenoh.</sup> 8;
- v. clavata, I. V. S. S. p. 95; Det. Syll. p. I04; (v. clavata)
- v. controversa, A. S., Atlas 3f5; Det. S. p. I04; <sup>Stenoh.</sup> 1/2 det.
- v. cuneata, A. S., Atlas 3f4; Det. S. p. I04; <sup>Stenoh.</sup> 2p. 27;
- v. elongata, Perag. p. 35-5f137; Det. S. p. I05; (v. clavata, v.)-
- v. fossilis, Pant. 2p. 47-12f207; Det. S. p. I05; <sup>Stenoh.</sup> 2p. 27;
- v. granulata, A. S., Atlas 3f5; Fortm. Cey. p. 29; Villef. p. 47; Malaisie; Det. S. p. I04; Jan. Raz. I5f14: = (var. *circumsecta*.)
- v. manca, *Petit. Cap Horn* - Cl. S. Atlas 3f17; Villef. p. 47; Det. S. p. I05;
- v. minuta, Cl., N. L. K. D. p. 7-1f15; Det. S. p. I04;
- v. nicasensis, Perag. Villef. p. 47-5f39; Det. S. p. I05; -(v. clavata, v.)-
- v. ovalis, Grun. I350p.532-I12f22: -(Nav. Henn.)
- v. tahitensis, Cl., N. L. K. D. p. 3-1f14; Det. S. p. I04;
- v. undulata, Cl., N. L. K. D. p. 7-2f19; Det. S. p. I04; Cl. Nav. 2p. 58;
- HERIBAUDI, Perag. Herib. p. II2-4f3; (Calonsis Bouasensis, v.)-
- HEROINA, A. S., Atlas 45f12; Det. S. p. 50: - *Pinn. major, v. Her*
- HERONLEA, Pant. 2p. 47-2f34; Det. S. p. I73; Cl. Nav. p. I07;
- v. constricta, Pant. 2p. 47-2f27, 33; Det. S. p. I73; Cl. Nav. p. I07;
- v. minor, Pant. 2p. 47-9f132; Det. S. p. I73; Cl. Nav. p. I07;
- HEUFLEI, Grun. I350p.532-I12f22; Schum. I. T. p. 33; <sup>Stenoh.</sup> 1st p. 20; O' M. I. S. p. 4II-34f15; Brun Alp. p. 79-3f3; Dannf. p. 23; <sup>Stenoh.</sup> Gallia, Papan; Cl. I39Ip. 3I; Bellec, Lichon; Perag. p. 53; Herib. p. 93; Cl. Nav. p. I30; (N. cincta; -Pinn.)----
- HEVESENSIS, Pant. 2p. 47-4f37; Det. S. p. I6: -(N. Yarensis, var.)
- HEXAPLEA, A. S., Atlas 50f30; wolle pl. I0f4; Det. S. p. I57;
- HIBERNICA, O'M. - N. S. I357p. II5-5f1; I. S. p. 339-32f15; Det. S. p. I03: (N. circumsecta.)----
- HILARULA, Grun. I332p. I56; Pant. 3p. -15f230: (N. Domblittensis.)--
- HILSEANA, Jan. - Atlas 45f35, 73, 74; Sm. Sp. 1. 335: Cl. & M. No. I44; A. J. M. I379p. I02: Amazon; V. S. S. p. 77-A, f11: Hoffmann, Mar. 1874; Det. S. p. 24; (N. Brauniana; -Pinn.)----
- HIPPOCAMPUS, E. - Inf. p. -15f11; M. J. & Struct. Rec. I342pp. I50, 224; K. S. p. I02-4f29; K. S. A. p. 33: Prit. I352pl. 3f145; A. J. S. Nov., I343: (N. attenuata; -Gyrosigma; -N. sigma & flexuosa; -Pleurosigma; -Scalprum striatum.)

Humerosa.

" *v. constricta*, Cl. Nov. 2p. 43:

" *v. Fuchsii*, Pt. - Cl. Nov. 2p. 43 - (*A. latissima*, v.) -

+ Hungarica, Gn. -

" *v. capitata*, G. - Cl. Nov. (2) p. 16

*hyalina*, var. - Atlas 70 f 5:

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- HIRUDO, Rabh.E.D.p.207; Marissal pl.Iff12; Det.Syll.p.33;  
 ITHACOCYII, E., Amer.p.130; Mik.pls.5-511; 55-1224; R.L.C.p.101; R.S.  
 A.p.35; R.S.C.p.41; Prit.p.391-7132; Donk.B.D.p.2-34; R.L.C.p.220;  
 Atlas 49f35,36; Kinnord; T.B.C.I337p.73-36f15; Lake Michigan; Wille  
 19f30,31; Det.S.p.157; (Naidium; -N.firma.)--  
 HOCHSTETTERI, Grun.I333p.153-14f2; I333p.I9,101; R.L.C.p.227; Atlas  
 3f50-55; Pet.Cat.p.25; Det.S.p.120; Cl.Nav.p.I35; *Petit Cap Horn*. ---  
 " v.placita, Gro.& St.-Cl.Nav.p.I35; (Nav.pl.)-  
 HOFFMANNI, Pant.2p.47-15f245; Det.S.p.125; ---  
 HOLMIENSIS, Cl., N.L.K.D.p.3-2f13; Gannf.p.23; Det.S.p.119;  
 (Caloneis formosa, v.)--  
 HOLSTII, Cl.I331p.II-13f1; Det.S.p.23; (Cal.I331p.23, v.191911.)-  
 HOLUBYII, Pant.Ip.25-13f135; Det.S.p.159; (Cl.II 21, v.)  
 HORDEIFORMIS, Pant.2p.43-11f107; Det.S.p.127; ---  
 HORNIGII, Pant.3p.7-13f241; (Dipl.Dalmatica.)---  
 HORVATII, Grun.I330pl.4f13;  
 (Caloneis silicula v.ventricosa; -N.stenoptera "a", 191111.)---  
 HOSPER, A.S., Atlas 3f32; Det.S.p.94; (Dipl.littoralis, v.)-  
 HUMEROSA, Breh., S.B.C.2p.93; Prit.p.903; Grun.I330p.503-1f23; I331.  
 I6; Donk.B.D.p.13-3f3; Lew.N.& R.S.p.37; Hull; R.L.C.p.201; O'M.I.D.  
 p.373-32f5; Brun Alp.p.73-7f32; Lagr.I370p.41; Gannf.p.29; Atlas 31  
 3-5; V.H.S.p.98; T.No.II7; Shark River; Cl.Vega p.471,493; I391p.33;  
 T.B.C.I337p.72-36f13; Mobile; Pant.p.30; Malaisia; Wille 17f11,12;  
 Pant.2p.43; Det.Syll.p.127; J.C.C.1870p.37; Cl.Nav.2p.13  
 (N.crassa & quadrata; -Stenoneis erythroa: Tr. ---  
 " var., H.V.H.S.pl.IIf20: p.98;  
 " v.elongata, Pant.2p.43-10f175; Det.S.p.127; ---  
 " v.fusca, O'M.I.D.p.373-32f4; (N.fusca.)  
 " v.quadrata, O'M.I.D.p.373-32f5; ---  
 HUDSONIS, Grun.-LeD.Vol.2p.77-12f8; (Diploneis.)---  
 HUMILIS, Donk.B.D.p.37-10f7; O'M.I.D.p.479; Gannf.p.25; Cl.I330p.27;  
 Vega p.491; V.H.S.p.35-11f23; T.No.70; Herib.p.33;  
 (N.globiceps; -N.inflata, var., & variants, v.)--  
 HUNGARICA, Grun.I330p.529-1f30; Schm.A.T.1.73; I331.33-2f24; R.L.C.  
 p.190; O'M.I.D.p.412-34f19; Cl.I330p.27; I331.9; Gannf.p.25; Det.  
 S.p.41; Cl.Nav.(2)p.16; Sn.1882p.156 29f2. (Pinn.1330.23, ---)  
 " v.humilis, Donk.-Cl.I330p.27; Gannf.p.24; Det.S.p.47; (N.ham.)--  
 " v.hungarica, Grun.I332p.17-10f43; Det.S.p.13; L.D.170 17/10/100  
 HYALINA, E.-K.S.A.p.32; Prit.p.392; Donk.B.D.p.5-1f1; M.C.I331p.10-1f  
 3; R.L.C.p.220; Gannf.p.107; R.L.C.p.131; Atlas 10f1-4; Gannf.p.30;  
 Cl.Vega p.472; I391p.35; Det.S.p.31; ---  
 HYALINULA, Detoni, Syll.p.92; (N.hyalina, Donk.)---  
 HYALOSIRA, Cl., LeD.Vol.2p.77-12f11; Cl.I330p.27; Gannf.p.130;  
 (Attheya decora; -Libellus.)--  
 HYPERBorea, E.-Det.S.p.190; ---  
 223; (Diploneis; -N.fusca & Smithii, v.fusca.)-  
 HYBRIDA, H.& Perag.-Herib.p.35-4f9; ---  
 HYRILII, Pant.3p.1-17f257; ---

*isostemon*.

*inæqualis*, E. ~~Mex~~ Ber. 36 p. 53:

+ *incus*, Gn.

" var. *abbreviata*, Gn. - Cl. 1840 p. 39-2 f 43. - (*S. transitans*, v.).



- ICOSTAURON, E.-Grun., I360p.519; O'M.I.D.p.350-30f27; Cl.I360p.27-II  
 I4: I381p.5: Del.S.p.I10: (N. & Pinn. v. 1818, v.; -Grun.; -Stenon. 1818)  
 ' v. conifera, L. & Pinn. v. 1818, 1.91-212; -(P. 1818, v. 1818, v. 1818)  
 IGNOBILIS, Pant. 2p.48-25f337; Del.Syll.p.I71:  
 ILLINOIENSIS, E.-Mik.I353p.84; Del.S.p.I39:  
 ILLUSTRATA, Pant. 3p.7. -2f17: *Cl. Nav. 2p.26*  
 IMPERFECTA, Cl., Vega p.433-33f34; Del.S.p.33; *Cl. Nav. 2p.26*  
 IMPERIALIS, K.S.A.p.32: Prit. 1.393; R.E.D.p.225; Del.S.p.30: -(Cl. 1.)  
 IMPLETA, Cl. & Gro.-Lag.Vol.21.53-9f11,2: (P. 1818, v. 1818, v. 1818)  
 IMPRESSA, Grun.-Atlas 3f17, I3; Wille pl.14f25,26; Forth. 1.29;  
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 ' v. semieruciata, Grun.I382p. ?:  
 IMPRESSA, Lagr.I370p.33,35; Neuw.Vol.I3, 1.III: Atlas 40f30,32,34.  
 (N. cancellata, L.)  
 INAEQUALIS, Grun., Algae Gaud.p.5: Del.S.p.I426;  
 INAEQUALIS, E.-Inf.p.I34-I3f13; Mik. 1.15(A)f25; Nass. Alg. 1.40f-1021  
 I3; Prit.I352pl.3f154; Neup.p.I96-2f44: -(Cymbella & Pinn. Ehrenberg.)-  
 INAEQUILATERA, Lagr.I373p.33-2f10: Del.S.p.I64: -(Cymbella aequalis.)--  
 INAEQUISTRIATA, Rattr.-Trans.Bot.Soc.Edinb.I333p.426-29f4;  
 Del.S.p.I25:  
 INCERTA, Grun.-V.H.S.p.I07-I4f43; Del.S.p.I65; *Cl. Nav. 2p.26*  
 INCISA, O'M., I.D.p.404-33f33; Del.Syll.p.73;  
 INCLUDENS, Pant. 3p. -I3f20I: (Neidium.)--  
 INCOMPERTA, Lewis, W.M.D.p.I3-2f20; Wille pl.25f2; Del.S.p.I93;  
 (Frust. i. & interposita.)----  
 INCONSPICUA, Greg.D.C.p.6-I3; Prit.p.395; Carr.p.I06; R.E.D.p.I33:  
 Flögel, Baltic; Lagr.I373p.45; Del.S.p.I70: (Stenoneis.)-  
 INCUDIFORMIS, Cleve, Vega p.437-33f23,30:  
 (N. incus, var.: -Rhoiconeis: *Nav. transitans, v.*)  
 INCULTA, Pant. 3p. -I4f2I3:  
 INCURVA, Adersw.-----Falcatella Aderswaluii): ----Greg., M.O.I356p.3-  
 If26; S.B.D.2p.I03; Prit.pp.393,902; Carr.p.I05; Donk.B.D.p.33-3f2;  
 R.E.D.pp.200,205; O'M.I.D.p.377-3f153; Del.S.p.I33:  
 ' v. minor, Gutwinski Galicyi I390p.22-I3f13; Del.S.p.I63:  
 INCURVATA, Greg., T.N.S.I356p.44-5f13; Prit.p.393; Donk.B.D.p.49-7f4;  
 Carr.p.I05; A.Schm.N.D.p.8-I3f10,II; 2f6; O'M.I.D.p.399-33f24; Petit  
 Cat.p.26; Cl.Vega p.47I:  
 (N. interrupta, v.: -N. pellucida; -N. splendida, v.: -Diploneis.)-  
 INCUS, Grun., Atlas 4f17; Villot. p.45; Valais; Del.Syll. 1.32;  
 (N. directa, var. *Cl. Nav. 2p.26* abbreviata.)  
 INDEX, Grun. & T. p.44-5f7; Del.Syll. 1.30; -(N. *Cl. Nav. 2p.26*)  
 INDICA, E., Abh. 3er. I345p.335; Mik. 1.140; K.S.A. 1.70; Prit. 1.904;  
 R.E.D.p.225; Del.S.p.I35: (N. *Cl. Nav. 2p.26* abbreviata.)---  
 INDICA, Grun., T.N.S.I352p.95-9f13; Forth. 1.29; Cl.I373p.4:  
 Vega p.505; Shark River; Wille 17f11: (N. *Cl. Nav. 2p.26*)---  
 ' var., A.S., Atlas 3f7:  
 INELEGANS, Gro. & Start.-J.D.C.I337p.I32-I0f6; Notar.I337p.353;  
 Del.S.p.36; Cl.Navic.p.I55-5f16:  
 INFIRMA, Grun.I382p.I3-30f53; Del.S.p.I20; Cl.Nav.p.I33;

inhalata,

|| var. lanceolata, Cl. Nav. 2 p. 57:

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INFLATA, K.B.p.99-3f36; K.S.A.p.3I--N.hungarica:-----R.S.C.p.4I-5f10;  
S.B.C.2p.50-17f153; Mull; R.Alg.sub No.1235; Prit.p.399; Grun.1360p.  
533-2f4I; Leib.p.82; Bleisch,1363; Donk.B.D.p.2I-3f9; New Zealand; R.  
E.D.p.19I; Roper,Thames; Hull; O'M.I.D.p.4I3-34f23; Pet.liste p.29;  
Sm.Sp.1.234; Lagr.1373p.42; Brun Alp p.76-7f15; Bellec,Luchon; Gallie  
Papan; Kinnord; Cl.1330p.27; 139I.p.37-2f2; Navic.p.139; Hoffmann,  
Marb.; Spamer,Duren; Perag.p.59; Wolle pls.10f23; 19f29; Det.Syll.p.  
149; T.B.C.1337p.70-63f5; (N.hungarica,v.p.p)

(Diploneis crabro; -Frust.; -N.follis & humilis; -N.limosa,v.)-----

var."b"striata, K.B.p.99-3f36(3); K.S.A.p.3I:

Schum.1369p.33-2f23

(N.crux.)

INLEXA, Greg.-Ralfs,Prit.p.905; Donk.B.D.p.54-3f2; Pet.Cat.p.22; Cl.  
1330p.37; Vega p.470-36f35; Atlas 46f69,70; O'M.I.D.p.4II-34f13; 1.  
B.C.1337p.7I-63f10; Fortm.Cey.p.29; Shark River; Wolle pl.10f25;  
Det.Syll.p.49; Cl.Nav.2p.31; (Pinn.)---

v.Biharensis, Pant.2p.43-3f36; Det.S.p.50:

INFORME, Grun. 1332p. ?

INHALATA, A.S.,Atlas 2f30; Petit Cat.p.24; J.Q.C.1335p.133:

Det.Syll.p.100: Cl.Nav.2p.57;

v.Biharensis, Pant.2p.43-3f139; Det.S.p.100: Cl.Nav.2p.57;

INNOMMATA, A.S.,Atlas 3f45; Malaisie;

INORNATA, Grun.-Cl.1330p.46-3f56; Vega p.474; Atlas 133f39;

Cl.Nav.p.133; Det.S.p.164:-(N.acus,Cl.,1330.3

INSIGNIS, Pant.2p.43-2f324; Det.S.p.65:

INSTABILIS, A.S.-Det.Syll.p.60: Atlas 43f33 (Pinn.hemiptera.)--

v.major, A.S.Atlas 43f36-37,39; Det.S.p.60;

v.minor, A.S.,Atlas 43f33,40; Det.S.p.60;

INTEGRA, W.S.-Ralfs,Prit.p.395; Donk.B.D.p.40-3f3; Carl.p.106; O'M.

I.D.p.356-30f43; Cl.1330p.33; Nav.p.14I; V.A.S.p.96-II f22; Det.S.p.

II3:-(Cymbella:-Pinn.i. & rostrata; -Stauroneis Janischii.)-

INTERCEDENS, A.S.,Atlas 160f3-5; (Caloneis musca.)----

INTERLINEATA, Grove & St.-J.Q.C.1336p.323-13f2; Notar.1337p.343;

Det.S.p.179; Atlas 204f11: Cl.Nav.2p.50:

INTERMEDIA, Lagr.1373p.23-1f3; Pet.liste p.2I; Malaisie; Det.S.p.24;(Pinn.)

INTERPOSITA, Lewis,W.M.D.p.13-2f19; Sm.Sp.1.253; Wolle pl.IIf14;

Pant.2p.43; Det.S.p.193: (Frust.)-

INTERRUPTA, Bailey, (A.J.S.1342pl.2f13; K.B.p.100-29f93; K.S.A.p.33;

Cole,Essex; Prit.p.894; Grun.1360p.53I-3f20; 1363p.13; Neup.p.196-3f

3I; Donk.B.D.p.47-7f2; Schum.H.T.p.74; Nylander,W.: R.E.S.p.205; O'M.

I.D.p.400-33f26; Lagr.1373p.23-2f3; 1376p.36; Atlas 12f3-3,10,11;

45f72<sup>76</sup>; Kinnord; Malaisie; Cl.Nares; V.A.S.p.39-9f7; T.No.103; Wolle

10f3I,50; Pant.2p.43; Det.S.p.69; T.26Tap 427

(Diploneis; -N.aidyma, bicapitata & incurvata; -Pinn.apis.)---

vars., A.Schm.N.D.p.86-1f8; Atlas 12f3,9; 69f24; V.A.S.pl.9f3;

v.bicapitata, -Wolle pl.10f32;

v.fossilis, Pant.2p.43-6f112; 12f203,215; Det.S.p.70;

v.microstauron, -Wolle pl.12f4;

v.Novae-Zeelandiae, A.S.,Atlas 12f12; Det.Syll.p.70;

+ iridis, E. —

" forma major, Petit, Cap Horn:

+ irrorata,

" v. ceylanica, Cl. Nav. 2p. 56: Atlas

" v. mexicana, Cl. Nav. 2p. 56: Atlas 2f19:

" v. subitauroideiformis, Gr. — Cl. Nav. 2p. 56: — [Ch. approx., var.]

Samalinensis, Cl. Nav. 2p. 36:

" var. simiacervulus. — BN. — Cl. Nav. 2p. 36: — (Nav. sim.)

" " Schirostauron, Cl. Nav. 2p. 37:

Joansoniana, Rev. — Ir. M. 1863p. ~~16-30~~ 17-19p.  
E. E. 5p. 226: Oct. J. p. 123:

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- v. Talyana, Grun. I332p. I50-30f59; Pant. 2p. 48; Det. Syll. p. 70:
- v. Zanzibarica, A.S., Atlas I21I, 2; Det. S. p. 70:
- INTERRUPTA, E.-Abh. Ber. I332p. 80: (Pinnularia.)--
- INVERSA, E.-M.B. I340p. I3; K.B. p. I03; V.S.A. p. 37: (Donkinia)
- IOTA, Cleve Navic. p. I34-5f22, 23;
- IRIDIS, E.-Amer. p. I30, pl. 4-I f2; K.B. p. 92-23f42; V.S.A. p. 71: Irit. p. 97: Schum. I332p. I33; Donk. B.C. p. 30-5f3; R.E.D. p. I71; Minora; O'M.I.D. p. 303-3If23; Atlas 49f2; Lake Michigan; V.H.S. p. I03; T.B. I337p. 73-86fI7; Wolle pl. I3f4; Herib. p. II3; Det. S. p. I53; -(N. firma; -Pinn.)----
- forma angustior, H. & Per.-Herib. p. II3:
- var., V.H.S. pls. I3fI; "B" f32; Lake Michigan;
- v. affinis, O'M.I.D. p. 367-3If27; V.H.S. p. I04; Lake Michigan; Det. S. p. I55: (Nav. ampliata & aff.)----
- v. amphigonus, E.-O'M.I.D. p. 367-3If27; Cl. I33Ip. 5; V.H.S. p. I04; 3f2: Lake Michigan; Det. S. p. I54: (Nav. amph.)----
- v. amphyrhynchus, E.-V.H.S. p. I04; Lake Michigan; Det. S. p. I54; (N. amph. & producta; -N. affinis, v.; -Pinn.)--
- v. dubia, E.-V.H.S. p. I04-B, f22; Det. S. p. I54: (N. dub.)--
- v. producta, .-V.H.S. p. I04; Lake Michigan: -(N. prod.)--
- v. undulata, .-V.H.S. p. I04; Det. S. p. I55: -(N. affinis, v. und.)--
- IRREGULARIS, Pant. 2p. 40-30f424; Det. S. p. 30; C. 2p. 7:
- IRRORATA, Grev.-Trans. Bot. Soc. Edinb. I359p. 27-4fI; J.R.V.S. I359p. I35-7fI; -Prit. p. 397; R.E.D. p. 224; Mobile; Cl. I373p. 4; Malaisie; Atlas 2fI, 22, 23; Wolle pl. I3f2, I7; Det. S. p. I00: C. 2p. 56:
- v. elliptica, Cl. Nav. 7p. 56 - 2fI, pl. 4fI3:
- v. fossilis, Pant. 2p. 49-3fI47; Det. S. p. I00: - 2fI, pl. 4fI3:
- ISOCEPHALA, E.-Amer. p. I33; K.B. p. I01; O'M.I.D. p. 351-30f31; Amazon; Wolle pl. 23f6; (Pinn.)---
- ISOSTAURON, .-Nylander, w.: (insert icos 5)
- ITALICA, Rabh.-Schum. I364p. 2I; Det. Syll. p. 90: (Pinn.)
- JAMAICENSIS, Grev.-T.M.S. I363p. I26-I2f23; Malaisie: (Dictyonis.)--
- JAMALINENSIS, Cl. I330p. I3, 33-2f40; Vera p. 470; Det. S. p. II3: -
- JANISCHIANA, Rabh.-Jan. & R. p. I0-2fI5; R.E.D. p. 220; Det. S. p. I70:
- JANISCHII, Cast. I337p. 29-30f5; (Dictyonis marg., v. Jan.)
- JAVANICA, Grun. I363p. I3, I00-I fI6: (Rhoicosis.)--
- JAVANICA, A.S., Atlas 6f32; Malaisie;
- JEJUNA, A.S., Atlas 46f76; Cast. I337p. 33-20fI2; Det. S. p. I27; (N. jejunus)
- var., Cast. I337p. 33-23fII: - (N. jejunus)
- JELINECKIANA, Grun. I363p. 6, I3; Det. S. p. I37: -(N. jejunus - N. Jelineckii)
- JELINECKII, Grun. I363p. I5I-I4fI2; R.E.D. p. 227: -(N. Jelineckiana.)-
- JENNERI, S.B.D. Ip. 49-I3fI34; Grevillea Vol. Ip. 4I-2fI3a, b; Mill: Roper, Thames; (N. tertia; -Scoliopsis a. & tertia.)---
- JENTZSCHII, Grun. I362p. I53-30f64; Cl. I39Ip. 33; Det. S. p. 5I; C. 2p. 56: -
- JIMBOI, Pant. 3p. 7. -5f3I; Cl. Nav. p. I53:
- JOHNSONI, W.S. - O'M.I.D. p. 373-3If46; Sm. Sp. I. 236; A.S. I373. I33: V.H.S. p. 99-B, f23; Brin & T. p. 72; Det. S. p. I53: Wolle pl. 23fI3; Malaisie: (N. Fischeri & scopulorum; -Pinn.; -Trachyneis.)----

Kariana,

- " v. frigida, Gn. - Cl. Mar. 2p. 28 :- (= var. minor.) Oestr. 1897 p. 321 :-  
+ " v. detera, Oestr. 1897 p. 321 :-

+ Rutzingiana, Hb. G. :- (K. cincta)

> laciniata, Harv. - Oestrup 1897 p. 320 :- (Schizonema L.)

- " var. Belgica, H.V.H.S.p.99-"B" f29: -(N. scopulorum, v. Belg.)--  
 JORDANI, E.-Mik.p.47; Del.Syll.p.191: (Pinn.)---  
 JUGATA, Cl., N.L.K.O.p.13-3f33; Del.S.p.101: (Pseud-Amphihidra.)-  
 JULIENI, Per. & Herib.p.199-3f3, 9; (Trust.interposita, v.)---  
 JURGENSI, K.B.p.93-3f3; K.S.A.p.72; R.S.D.p.33-3f79; Prit.p.905;  
 R.E.D.p.173; Del.S.p.169:  
 KALFVENSIS, Grun.-Cl.Navic.p.141;  
 KAMORTHENSIS, Grun.1333p.152-14f13; 1333pp.19, 101; R.E.D.p.127;  
 Del.S.p.133; Atlas 6f8, 8\*; (N. humerosa, var.; -(N. latissima, v.)---  
 KANIZII, Pant.3p7, -3f41: (Caloneis.)--  
 KAPPA, Cl.Nav.p.134-5f21:  
 KARIANA, Grun.-Cl.1330p.39-2144; Vega p.469; Grun.1334p.51;  
 Del.S.p.130; Cl.Nav.2p.28:  
 " forma curta, Cl.Vega p.470-37f40; -(N. gelida.)  
 " var."a" genuina, Cl.Vega p.469;  
 " var."b" detersea, Grun.1334p.51-1f23, 24; Vega p.469-35f33; Cl.Nav.2p.28:  
 " var."g" minor, Cl.Vega p.469; 1330p.5: -(=v. frigida.)  
 KEFVINGENSIS, E.-Abh.Ber.1340p.20; K.B.p.97; K.S.A.p.73; Prit.p.903;  
 Cl.1333p.225; Atlas 47f31, 32; (N. peregrina, v.)  
 KELLERI, Pant.2p.49-25f25; Del.S.p.159; -(N. peregrina, v.)  
 KEPESII, Grun.1334p.51-1f37; Del.Syll.p.133;  
 KERGUELENSIS, Ralfs, Prit.p.909; Del.S.p.191; (Pinn.)--  
 KERGUELENSIS, Castr.1337p.35-23f13; (N. latissima.)  
 KINKERI, Pant.2p.49-9f139; -(N. pennata, v.)  
 KINKERIANA, Pant.3p7, -42f571: (Caloneis.)---  
 KIRCENPAUERI, Jan.-Del.S.p.153; (N. marina, Jan. & R.)  
 KITTONIANA, Grun. & Atlas 2f10; M.O.1375p.201; Grun.1334p.20; -(N. peregrina, v.)  
 KUELLMANNII, Cl.Nav.p.111; (Pleuronigma; -N. Vegae.)--  
 " v. subconstricta, Grun.-Cl.Nav.p.111; (N. Vegae, v.)---  
 KOCHII, K.S.A.p.34; Prit.p.895; R.E.D.p.223; Del.S.p.121: -(Pinnul.)---  
 KOCHII, Pant.2p.49-4f72; Del.Syll.p.35;  
 KOSSUTHII, Pant.1p.23-14f120; 25f230; 2, p.49; -(Dietyoneis marg.)-  
 KOTSCHYI, Grun.1330p.533-24f2; R.E.D.p.193; Del.S.p.130;  
 Gallia, Papan; (N. Kotschyana.)  
 KOTSCHYANA, Grun., Cl.1330p.41; 1331p.9; R.E.D.p.193; V.H.S.pl.10f22;  
 Del.S.p.129; Cl.Nav.p.130; (N. Kotschyana.)--  
 KROOKII, Grun.1332p.155-30f40; Del.S.p.137;  
 KRYOKONITES, Cl.Vega p.473-37f44; Nav.p.109; Del.S.p.137:  
 " v. semiperfecta, Cl.Vega p.473-33f45; Nav.p.109; Del.S.p.137;  
 " v. subrotunda, Cl.Vega p.473-33f46; Nav.p.109; Del.S.p.137;  
 KRYOPHILA, Cl.Vega p.473-37f43: (Caloneis; -N. subpolaris.)  
 KURZII, Grun., Cl.1373p.3-2f12:  
 (Alloioneis; -Scoliopleura; -Trachyneis aspera, v.)-  
 KUTZINGIANA, H.L.Sm.S.1.1.No.237; A.S.Atlas 10f10; K.S.A.p.133;  
 133; Hedw.1379p.29; Del.S.p.33: -(A'propra.arenaria; -N. arenicola, p.p.)  
 KUTZINGII, Grun.1330p.532-1f15; Atlas 13f22-24; wolle pl.10f43;  
 Pant.1p.129-29f22; Diploneis; ----- (N. bombus---proserpinas, v.)---  
 LACINIOSA, A.S.Atlas 12f54; Del.Syll.p.35: (Diploneis.)-

lacustris, Cl. 1895 p. 12; Nav. 2 p. 44:

+ lanceolata, Cl. Nav. 2 p. 21; [Fr. cryptoc. var. rhyneh.] -

" var. tenella, a.s. - Cl. Nav. 2 p. 22; - (A. tenella, a.s.) -

" var. cymbula, Cl. Nav. 2 p. 22:

" v. latior, Damp. - Cl. Nav. p. 22; - (A. cryptoc. v. latior) -

" v. hordeiformis, Pant. - Cl. Nav. p. 22; - (Nav. hord.)

" var., Atlas 47 f 49:



- LACRIMANS, A.S. Atlas 12f59-61: Fortm. Cey. p. 29: Cl. 1373p. 3; Vega pp. 495, 505, 511: wolle pls. 12f23; 15f1; Det. Syll. p. 70: *Petit, Cap.*  
(*Diploneis gemmatula*, var. l.)-----  
\* v. fossilis, Pant. 2p. 47-2f13; Det. S. p. 71: -(*Dip. gemm.*, v. *lacr.*)---  
LACUNARUM, Gran. -V.H.S. pl. 12f31; Cl. 1331p. 9; wolle pl. 10f39; Lake Michigan; Det. S. p. 135; -(*Caloneis fasciata*; -*Stauroneis bacillum*.)  
LACUSTRIS, Giesb. -M.S. 1356p. 6-1f23; S.B.D. 2, p. 100; Prit. p. 903; Cair. p. 106; R.E.D. p. 200; Schum. N.D. p. 18-1f29; O'M.I.D. p. 330-32aII; Atlas 3f30; Cl. 1391p. 34-2f14; (N. carassius; -*Stauroneis Scandinavica*, *pp.*  
\* var. "b", Kinnoru; -  
LADOGENSIS, Cleve 1391p. 35-2f3; (Caloneis.)-  
LAEVIS, E.-Mik. p. 90; Det. S. p. 191; (N. gracilis.)--  
LAEVIS, Pant. 2p. 50-25f333: -(N. laeviscula; -N. gregaria v. Tharholm.)---  
LAEVISSIMA, K.B. p. 96-2f14; K.S.A. p. 77: M.S. 1354p. 100-11f32; S.B.D. 2, p. 91; Prit. p. 395; Gran. 1350p. 549-2f5; Schum. 1352p. 139; Cair. p. 100; Donk. B.D. p. 23-5f2; New Zealand; Hull; R.E.D. p. 133; Amazon; O'M.I.D. p. 373-31f54; Nylander, w.: Brun Alp. p. 33-7f32; Cl. 1330p. 45-2f52; V. H.S. pl. 13f13; Det. S. p. 134; Herib. p. 114;  
(*Diploneis gemmatula* v. *Granowii*; -*D. Smithii*; -*N. bacilliformis*, granum, minutissima, perpusilla & pseudo-bacillum.)-  
\* forma elongata, Her. & Per. -Herib. p. 114; ---  
\* v. rectangularis, K. -Rabh. E.D. p. 133; (N. & *Stauroneis* l.)-  
\* v. trinodis, Brun Alp. p. 33; (Achnanthidium & Nav. t.)-  
LAGERHEIMII, Cleve Nav. p. 131: *L. J. 2, No. 17p. 101-7f11*:  
LAGERSTEDTII, O'M.I.D. p. 415-34f27; Det. S. p. 54;  
LAMBDA, Cleve Nav. p. 133-5f19; -  
LAMPROCAMPA, E., ~~Donk.~~ Ber. 1340p. 20; K.B. p. 102-4f5; K.S.A. p. 33; Neupauer p. 194-2f53; (Gyrosigma; -Pleurosigma.)  
LANCULATA<sup>(ag)</sup>, E., Inf. p. 135-13f21; Mik. p. 11f29; K.B. p. 94-23f33; 30f 43; K.S.A. p. 74; Cole, Essex; R.S.D. p. 39-3f77; S.B.D. 1, p. 45-31f272; Prit. p. 904; weisse 1350p. 359-3f35; Gran. 1350, 527-2f25; New Zealand; R.E.D. p. 171, 175; Hull; Schum. N.T. p. 39; 1357p. 33; 1352p. 132-3f33; O'M.I.D. p. 403; Cippell 1371p. 5; Amazon; ~~Atlas 1, 47f11~~; Sm. Sp. 1, p. 233; C. & M. 161; Hoffmann, Marburg; Petit liste p. 20; Prollius p. 61; Stama, Duren; Det. Syll. p. 57; Brun Alp. p. 35-7f4; V.H.S. p. 33-3f13; 1. 96; Gallik, Papan; Belloc, Luchon; Cl. 1330p. 35; 1391p. 31; Vega p. 491; Lagr. 1334p. 50, f5a; Ebert, Cassel; Parag. 1. 53; wolle pl. 9f32, 12; Herib. p. 100;  
(*Colletonema*; -*Cymbella*; -*Trist.*; -*N. arenaria*, v.; -*N. cryptocephala*, v.; -*N. appendiculata*, Ehrenbergii, gracilis, gregaria, oxysphaenia & phyllepta; -*Pinnul. gracilis*; -*Schiz.* (& *Vandereckia*) *viridula*.)---  
\* forma curta, Rabh. E.D. p. 175; V.H.S. p. 33-8f17; (forma minuta.)  
\* " minuta, Rabh. E.D. p. 175; Det. S. p. 53; (N. Sempronia.)  
\* var. arenaria, Donk. -V.H.S. p. 33-8f18; Det. S. p. 53; R.H. 97; (N. aren.)--  
\* v. cymbula, Donk. -Cl. 1391p. 31; 8f40; 7f11; (Nav. c.)--  
\* v. phyllepta, K. -V.H.S. p. 33; Det. Syll. p. 53; CC Nav. 2; (Nav. p.)--  
LANCETIOLA, Schum. 1357p. 55-2f34; V.H.S. pl. 3f11;  
(*N. cryptocephala*, var., & *exilis*, cf Kz.)-  
LATA, Breb. -K.B. p. 92-3f51; K.S.A. p. 79; Prit. p. 903; Gran. 1350p. 513:----

+ latissima,

" v. elongata, Pt. - Cl. Nav. 2p. 44: - (N. humerosa, v. el.)

- Eul. Sp. 1. No. 61; Donk. B. O. p. 71; Schum. H. T. p. 74-4f54; 1339p. 35;  
Cl. 1337p. 364; M. T. P. 3-1-17, 13; Arenig Bach; Amazon;  
Lapl. 1373p. 25; M. J. 1375p. 3-109f2; Grun. 1373p. 15; 1334p. 45-1114; Sp.  
Sp. 1. 239; V. A. S. p. 73-3f1, 2; T. No. 61; Hoffmann, Marb.; Wollé pl. 23f  
26, 27; Del. S. p. 13; Herib. p. 33;  
(Frust.; -N. pachyptera & Sirota; -Pinn. n. 210p. 22, 130p. 10 & 11) --  
" f. curta, Grun. 1334p. 45-1115; Del. Syll. p. 10; -(P. lata, v. curta)  
" f. minor, Grun. 1373p. 15-4122; 1334p. 45-1115, 17; Del. S. p. 10; -(Pinn. lata,  
" v. minor (Her. & Perag.) - Herib. p. 33-4f5;  
LATEFASCIATA, Grun. - Cl. Nav. p. : 1330p. 29-1f21; Vega p. 105;  
Del. Syll. p. 177; (Caloneis.) ---  
LATESTRIATA, Petit & Leud. - Malaisie; (Scolioptera.) -  
LATEVITATA, Pant. 3p. - 3f122;  
LATESSIMA, Greg. - T. M. S. 1353p. 40-5f44; Prit. p. 903-7f70; 1310p. 11; R.  
E. O. p. 201; Donk. B. O. p. 17-312; Schum. N. O. p. 88-1130; Atlas 3f7; O. W. I.  
O. p. 379-32f3; Reinhard; Fortr. Cey. p. 30; Lapl. 1373p. 31; Cl. 1373p. 17;  
Vega pp. 471, 493; 1391p. 33; Lanzo Ostia p. 30; Deby Polder p. 13; Wollé  
pl. 17f24; Pant. 2p. 49; 3p. C. - 411533; Del. S. p. 132; Cl. Nav. 2p. 43;  
(N. granulata, v. - Pinn. divaricata.)  
" v. capitata, Pant. 2p. 49; 3p. - 32f461; Del. S. p. 133; Cl. Nav. 2p. 44;  
" v. richsli, Pant. 2p. 45-10f70; Del. S. p. 133; -(N. humilis)  
" v. Karolothensis, Grun. - Atlas 3f3, 3, 3(1); (Dev. V. 9) Karol.  
" v. minor, Pant. 2p. 49; Del. Syll. p. 133; Cl. Nav. 2p. 44;  
LATEUSCULA, W. B. p. 93-5f40; W. S. A. p. 72; R. S. O. p. 33-3f31; Prit. p. 905;  
Grun. 1330p. 534-2f33; Donk. B. O. p. 27-4f7; Schum. H. T. p. 75; 1334p. 20;  
R. E. O. p. 132; Brugger p. 237; O. W. I. O. p. 331-3f115; Del. S. p. 115;  
(Caloneis; -N. patula.) ---  
LAUTA, Grun. - Botan. Centralb. 1333p. 324; V. H. T. 542 sub; Del. S. p. 131;  
Cl. Nav. p. 17, 1f30; 2p. 68;  
LECUEN, E. - Abh. Ber. 1341p. 144; Mik. p. 15. 2-2f12; 10-2f9; 15-A, 115; 30-  
3f13; 33-10f22; Schum. H. T. p. 77; Atlas 41f41-47; V. A. S. p. 30; T. No. 30;  
Vega p. 491; Del. S. p. 33; (N. bacillum, v. - Pinn. -) ---  
" vix unilata, Herib. p. 97; V. H. S. p. 6f77; -(Pinn. subsolana: 2)  
" v. depressa, Cl. & V. No. 300; V. A. S. p. 1. 3f15;  
LEPIDA, Greg. - M. J. 1353p. 7-3f24; S. B. O. 2p. 103; Prit. p. 910; Carr. p. 103;  
Hull; R. E. O. p. 133; V. A. S. p. 1. 13f12; Cl. 1391p. 33; Del. S. p. 115; 1310p.  
p. 113; (N. bacillum, v. - N. nitica.) ---  
" var. " pilosa, Greg., M. J. 1353p. 7-3f24b; R. E. O. p. 133; Del. S. p. 115;  
LEPIDULA, Grun. - V. A. S. p. 103-14112; Del. S. p. 157; (Caloneis.)  
LEPTOCEPHALA, Greg. - R. S. O. p. 39-3f39; Prit. p. 901; Sm. Sp. 1. 200; Carr.  
p. 26; Herib. p. 93;  
(N. cincta, var. - N. cryptocephala & exilis.) ---  
LEPTOCERAS, E. - Mik. p. 356; Del. Syll. p. 191;  
LEPTOGONGYLA, E. - Amer. p. 130; W. B. p. 99-4f9; W. S. A. p. 31; R. S. O. p. 41-  
5f3; Prit. p. 395; R. E. O. p. 133; Atlas 45f25-23; Kinnora; (Pinn. C.)  
" N. laevissima, limosa, pseudo-bacillum, scanoptera & capellana.) ---  
LEPTORHYNCHUS, E. - Amer. p. 130; W. B. p. 93; W. S. A. p. 75; R. S. O. p. 40;  
Prit. p. 900; R. E. O. p. 224; Del. Syll. p. 172;

+ Cephalogma, G. - Cl. Trav. 2p. 24-1f 37:

lesinensis, Grun. Mus.; J.R.C. 1887p. 167:

(Pinn.) --

4.S.1.103-12f16; 7.No.135; Lake Mich.: Belle Isle, Michon: Parag. 1.59:----

Cinosa,

" var. "8" bicuneata, Jun.-July

Malaisie; Det.Syll.p.I47; Herib.p.III:

(Caloneis (& Nav.) silicula & vars.; -Nardin: -N. leptogonula,  
tumidaula & ventricosa.)-

forma minuta, Cl.I39Ip.37:

for.rajoi, Her. & Per. -Herib.p.II2;

var.bicuneata, Grun.I36Op.545-3f7; R.E.D.p.I39: Schum.I369p.36:

Petit liste p.I9: J.L.S.p.245; (I364)

v.curta, Grun.-V.H.S.pl.I2f23; Herib.p.II2: -(Caloneis s., var.)

v.gibberula, Grun.I36Op.544-3f3a; Schum.I369p.36; R.E.D.p.I39: O'M.

I.D.p.368; Pet.liste p.I9: Brun Alp p.73-7fII: Cl.I33Ip.5: Delogne:

V.H.S.p.I05-I2fI9; Lake Mich.; Perag.p.59; Bellec, Luchon: Wollé pl.

22fI3; Herib.p.II2; (Caloneis silicula, v.gib.; -N.gib.)--

v.inflata, Grun.I36Op.545-3f3c, IO; Schum.I369p.36; R.E.D.p.I39:

Petit liste p.I9; Bellec, Luchon: Perag.p.59:

(Caloneis silic., var.i.; -Nav.infl.)---

v.subinflata, Grun.-V.H.S.pl.I2f20: Lake Michigan; Wollé pl.

22fII: Herib.p.II2; -(Caloneis silic., v.infl.)

v.truncata, Grun.I36Op.545-3f3d, e, 9: O'M.I.D.p.368-3f3I;

Schum.I369p.36:

(Nav.tr.)-

v.undulata, Grun.-V.H.S.pl.I2f22; Lake Michigan; Wollé pl.22fI2;

Herib.p.II2:

(Cal.silic., var.)---

v.ventricosa, Donk.-Cl.Vega p.49I; I39Ip.37;

LIMPIDA, Perty, Klein.Leb.p.204-I7f9: Prit.p.902; R.E.D.p.I97:

Det.S.p.I39:

LINEARIS, Greg.-Prit.p.902; Atlas 45f73; Grun.I36Op.545-I2f2; R.E.D.

p.280: Petit & Lema.; Cat.p.2I: O'M.I.D.p.37I-3f39; Fortm.Oey.1.29;

Reinhard; Atlas 50f34; Wollé pl.I9f6; Malaisie: -N.16p.68.

(Caloneis (& Nav.) liber, var.lin.; -N.maxima, v.)----

LINEATA, Donk.-I.M.S.I353p.32-3fI7: Donk.B.D.p.3-I2f3; Breb.Verm.p.I0:

Carr.p.I07: Schm.N.D.p.87-I2f3: Atlas 7f44; O'M.I.D.p.364-3f22;

Lagr.I373p.39; Villaf.p.50; Pant.2,p.50: -(Diploneis; -N.quadrifacera

var., A.S.Atlas 69f3I; Schm.N.D.p.87-I2f7:

LINEOLA, E., Abh.Ber.I343p.I04; Mik.p.39: Grun.I334p.52-I2f45, 46;

Det.Syll.p.I69; Cl.Nav.p.I07:

v.perlipeda, Grun.-Cl.Nav.p.I07: -(Nav.p.)

LINEOLATA, E.-Inf.p.I33-I4f4; -Aphora: ---Ama.pls.I-3f4a; 2-3f27:

4-I2f6; A.J.S.I35If50; Mik.pls.5-3fI7: 7-I2f3; 13-I2f2; 15-2fI, 2;

I7-2fI7: 33-I0f24; 39-3f36; R.S.D.p.33-3f35: -(anomalous ? (N. seriana.))-

Herib.p.III: -(Fristilia & VanH.Saxonia, var.l.)--

LINTER, Witt.-J.M.G.I373, No.I, p.3, fII:

LITATA--(LYRATA.)---

LITTORALIS, Donk.B.D.p.5-I2f2; Breb.Verm.p.I0: Sm.Sp.1.No.29I: Atlas

7fI2; 3f25: Cl.Nares; I373p.4; Vega p.472; V.H.S.p.92-B, f25; Villaf.

p.50; Wollé pl.I0fI2:

(Diploneis; -N.ovulum.)---

vars. A.Schm.N.D.p.87-I2f24, 25; Atlas 3f23, 24; Wollé pl.I0fII:

LOBATA, Gro. & St.-J.R.C.I337p.I33-I0fI2: Notul.I337p.356;

(N.spathifera.)----

LOBATA, Schwartz.-Rabh.Alt.Eur.No.243I cum icone; Cl.I373p.7-I2f3

M.J.I373p.5IO-44f3; Det.S.p.I5I:

(Caloneis.)

+ longa,

" forma Balasica, Gn. - atlas 47f8: Petet, Cap Horn:

" Camperchiana, Gn. - atlas 47f9: Petet, Cap Horn:

+ lyra, E. ~ Cl. Nav. 2p. 63: - Petet, Cap Horn:

Jan. Graz, 15f8-9, 12, 13:



- LOCZYII, Part. 21. 75-80114; Det. Syll. 1. 135; - (*Pinn. quadrata*)
- LONGA, Grev. - Part. 1. 905; Donk. B. D. 1. 58-310; Schm. N. D. 1. 47-312; Atlas 47f3; Petit Nimrod: Cat. p. 26; Cl. 1373p. 6; Lewis N. & R. S. 1. 37; Lagr. 1373p. 33; Fortm. Cey. p. 29; Villef. 1. 45; Woll. 12f23, 24; Det. S. p. 17; Herib. p. 37; *Petit, Cap. Pinn.* (Pinnularia.)--
- var., A. S. Atlas 47f4-10; Villef. p. 45;
- LONGICEPS, Grev. - M. J. 1353p. 3-1f27; S. B. D. 21. 103; Part. 1. 902; Carr. p. 105; R. E. D. p. 200; Det. S. p. 30; (Neidium affine, v. long.)-
- LORENZIANA, Grun. 1360p. 547-1f3; R. E. D. p. 202; Det. Syll. 1. 153; (Cistula.)----
- LUCIDA, O'M. I. D. p. 379-32f3; Part. 21. -13f234; Det. Syll. 1. 131; Cl. Nav. p. 107; (Inclusa N. inculta.)----
- LUCICULA, Grun. - V. 1. S. 1. 14f20; *Chlamydomonas* p. 145 (Diatomea.)----
- LUCULENTA, A. S. Atlas 43f12; Det. S. p. 59;
- LUDLOVIANA, A. S. Atlas 43f15; Det. Syll. 1. 15; *Chlamydomonas*
- LUMEN, Perag. Villef. p. 45-2f19; Notar. 1339p. 355; Det. S. p. 14; (Nav. regula, v.)---- *Pinn. recta*:-
- LUNATA, K. B. p. 104-4f1(4); K. S. A. p. 35; Part. p. 910; (Falcatella.)--
- LUNSTRUMII, Cl. 1330p. 13, 33-2f39; Vaga 1. 470; Det. S. 1. 124; Cl. Nav. p. 140;
- var. Friesiana, Grun. - Cl. Nav. p. 140-5f13; (Cymbella F.)--
- LUNYACKSEKII, Part. 1p. 26-1f122; Notar. 1333p. 472; Det. S. 1. 105; - (*h. praerecta*, var.)
- LUXURIOSA, Grev. - T. M. S. 1362p. 13-1f10; Grun. 1363p. 100; R. E. D. p. 227; Det. S. p. 142; Cl. Nav. p. 74;
- var. cuneata, Brun 1391p. 35-13f3; (N. lux.)--
- LYRA, E. - Amer. 1. 131, pl. 1-1f9a; K. B. p. 94-23f35; K. S. A. 1. 74; R. S. D. 1. 40-5f15; S. B. D. 21. 93; Grev. 1330p. 13-1f13; Bieb. D. C. 1. 12; Part. 1. 397; Grun. 1330p. 502-3f22, 23; 1333p. 13; Jan. & R. 1. 10-3f7; G. 1. 27-1a, f23; Herib. 1. 30; Donk. B. D. 1. 14-2f7; Carr. p. 107; R. E. D. p. 177; Hull: Cl. 1337p. 335; 1333p. 223; 1373p. 13; 1373p. 4; Vaga 1. 472, 505; Ew. N. H. pl. 3f35; Lewis N. & R. S. p. 71; B. J. N. 1. 1366p. 31 cum icones: Reinhard; A. Schm. N. D. 1. 87-1f32; Atlas 2f24, 25, 1b, 32; 3f11, 12; 129f11-14; Part. Cat. p. 24; Sm. Sp. 1. 292; J. M. 1373p. 509-44f1; Mobile; Atlantic City; M. T. P. 3-3-1; Lagr. 1373p. 40; Fortm. Cey. p. 30; Lanzi Ostia p. 30; 1373p. 3; V. 1. S. 1. 93-10f1, 2; T. 110; J. Q. C. 1354p. 22-4f7; Malaisie: Perag. p. 53; Villef. p. 49; Thuan 1335p. 44-2f23; T. B. C. 1337p. 73-35f13; Woll. 13f3, 14; Det. S. p. 95; *J. 1. c. 188p. 309-24*; J. R. M. S. 1384p. 515-516-11
- (N. clavata, Gregoriana, Rovigianensis, Wrightii: - *Pinn. recta* p. 145)
- vars., *Pinn. recta* p. 145; --- B. J. N. 1. 1333p. 32 cum 4 iconibus;
- M, T. P. 3-3-2; --Atlas 70f47; ---Per. Villef. p. 49;
- var. abnormis, A. S. Atlas 2f3; Det. Syll. 1. 95; - (*Chlamydomonas*)
- var. acuta, Part. 2p. 50; 3p. -33f433; Det. S. p. 96; *Chlamydomonas* p. 64.
- var. approximata, Grev. - Cl. 1373p. 4-1f1; (Nav. 21.)--
- var. Atlantica, A. Schm. N. D. 1. 87-1f34; Atlas 2f33; Villef. p. 49; Det. Syll. 1. 96; *Chlamydomonas* p. 64; - (*Chlamydomonas*)
- var. Australica, A. S. Atlas 2f37; Malaisie; Det. S. p. 95;
- var. "b" acurpta, Grev. B. C. p. 14-1f14; Jan. Gu. p. 27-2b, f9; R. E. D. p. 173; Reinhard; Hull: O'M. I. D. p. 393; Perag. p. 59; (Nav. ab.)---

Lyra, E.

denudata, Gn. Mss. - Cl. Nav. 2p. 63:

x "v. elliptica, <sup>formabullata,</sup> Cl. Nav. 2p. 63. - (N. bullata, N. G.)

x "v. Ehrenbergi Gr. - Cl. Nav. 2p. 63. - (N. Lyra, p. p.) N. gregoriana -

"var recta forma abnormis, A.S. - Cl. Nav. 2p. 64. - (var. Abn.)

" " " fornicata, A.S. - Cl. Nav. 2p. 64. - (var. For.)

subelliptica, Cl. Nav. 2p. 64. -

"v. Zanzi Barica, Gr. - Cl. Nav. 2p. 64. - (var. Zan., Gr.) -

+ macilenta, Petit Cap Horn:

"var. elliptica, Rattr. Talet p. 423-29 f 4a:

+ maculata, Cl. Nav. 2p. 46.:

"v. Caribaea, Cl. Nav. 2p. 46. - (var. Car.)

+ maculosa, Cl. Nav. 2p. 19:

7 macandrina, Cl. L. D. 2p. 13-16: Cl. Nav. 2p. 42:



+ marginulata, Cl. Nav. 2p. 71:

+ marina, Jan. R. - (mastogl. Jelin. v. marina.)



*sericea* Lta, *Proc. U.S. Nat. Mus.* 16

*membranacea*, Cl. 1847, p. 24, f. 25-28: [Stauroneis]

+ *mesolepta*, Tolsta p. 422: *Proc. U.S. Nat. Mus.*

*mesolepta* f. 18 = *mesolepta*, v. *polyneis*:



> mollis, W.Sm. - Cl. Trav. 2p. 26: - (Schizanthus.)

(Schiz. albicans & longuatum.) Oestrup 1897 p. 320:

> heterosticha, Cl. Trav. 2p. 43: - (S. granulata, ~~major~~ <sup>var.</sup> javanica)

(S. heterosticha, Cl. Trav. 2p. 43: - (S. gran. <sup>g. d. S.</sup>))





+ 2.11. 1991. 10.00h. 10.00h.

7 my ci. fac. 2p-42-1-17

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- MOSSIANA, O'M.-M.S. 1373p.350; 1373p.104; Det. S. p. 198;  
 MULTICOSTATA, Grun. 1330p.524-If13: Atlas 12f71,72; Fortm. Cey. p.31;  
 Cl. 1373p.3: Vega p.495,505; Villef. p.52; Wille 15f2: Det. S. p. 59;  
 (Nav. crassus, var. m.) ---  
 MULTISERIATA, Grun. -N. L. K. O. p. 13-3f53; Det. S. p. 178: *Cl. Nav. 20.*  
 MURICA, Det. -Atlas 70f70: Det. S. p. 147: *(Cl. 10f10. +*  
 MURALIS, Grun. -V. 1. S. p. 14127,28; 1. 144: Det. S. p. 172: *(Cl. 10f10. +)* ---  
 MUSCA, Grun. -O. C. p. 1-If3: Prit. p. 395; Donk. B. D. p. 50-7f5; Carr. p. 107;  
 R. E. D. p. 204; A. Schm. N. D. p. 86-If15: Atlas 130f2, 10-12; O'M. I. D. p. 399-  
 33f25; Fortm. Cey. p.31; Cl. Vega p.505; Villef. p.53; Det. S. p. 173;  
 (Caloneis; -Diploneis & N. constricta; -N. Donkinia.)  
 \* forma minor, A. S. Atlas 130f1: *v. 14f26:*  
 MUSCABORNIS, Grun. -Atlas 13f42,47; Grun. 1373p.17; Cl. 1373p.3: Wille  
 12f7; Det. S. p. 32; Part. 3p2. -17f256: (Caloneis; -Diploneis).  
 MUTABILIS, Grun. -T. M. S. 1355p.15: Prit. p. 910: Sm. Sp. T. No. 296:  
 (Pinn. exigua, & m.) -  
 MUTICA, K. D. p. 93-3f32; K. S. A. p. 72; R. S. D. p. 33-3f31; Prit. p. 905: Grun.  
 1330p.539-3f13: Hall; Schm. 1362p.132-3f43; H. T. p. 39: Gallik, Pagan;  
 R. E. D. p. 135; Bellec, Luchon: O'M. I. D. p. 412-34f21; Lake Michigan; Pet.  
 lists p. 20; Doby D. T.: Hoffmann, Marburg; Grun. 1373p.17-117; V. 1. S. p.  
 95-10f19; T. No. 113; Spamer, Duren; Cl. 1330p.40; Parag. p. 59; Malaisia;  
 Det. S. p. 114; 1310p.105: Cl. Nav. p. 129: *Rot. Alg. Sachs.*  
 (N. appendiculata & nivalis; -N. lepidus, v. *Monoplocyphala, ex p.*)  
 \* v. *Cohnii*, Hilse. -Cl. 1330p.41; Navic. p. 129; V. 1. S. p. 10f17;  
 1310p.105: *Strim 1897p.315.* (Stannoneis Cl. & Cohnii)  
 \* v. *Gobbiensis*, Blaisdell. -Cl. 1330p.41; Nav. p. 129; V. 1. S. p. 10f15, 10f17;  
 1. 114: Det. S. p. 114; -*Cl. 1895p.14.*  
 (Nav. & Stannoneis G. & familia; -Stann. semen.) -  
 \* v. *legumen*, Cl. Nav. p. 130;  
 \* v. *Pegiana*, Grun. -Cl. & M. No. 133 : Cl. Nav. p. 130;  
 \* v. *procurata*, Cl. 1330p.41; Nav. p. 129; V. 1. S. p. 10f12, 10f13: Det. S. p. 114;  
 \* v. *quinqusnodis*, Grun. -V. 1. S. p. 95; 1. 146 sub; Det. S. p. 115: -(Nav. q.) ---  
 \* v. *stannoneis*, Blaisdell. -Cl. 1330p.41: (Var. Gobbiensis) ---  
 \* v. *stannoneis*, V. 1. S. p. 10f12, 10f13; Det. S. p. 115;  
 \* v. *stannoneis*, Hilse. -Cl. 1330p.41; Nav. p. 130; V. 1. S. p. 95-10f12, 10f13;  
 Det. S. p. 115: (Stannoneis)  
 \* v. *ventricosa*, Cl. 1330p.41; V. 1. S. p. 96; Det. S. p. 115;  
 Cl. Nav. p. 129: (N. & Stannoneis v.) -  
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 \* v. *brevis*, Grun. Fl. Galic. p. 20-If13: Det. S. p. 22;  
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 (N. appendiculata, v.: -Pinn. *Nav. + app.*) -  
 NAVICANS, Brn. -Atlas 17441: (Cl. 10f10. +) ---  
 NEAPOLITANA, Ralfs. -Ralfs, Prit. p. 910: (Calocella.)  
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 p. 107; R. E. D. p. 179; O'M. I. D. p. 337-32105; Atlas 30f4; Fortm. Cey. p.31;  
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- var., M.M.S. 1374p.230-3f10; Atlas 70f44;
- v. suborbicularis, O'M.I.C.p.337-32f23;
- NEGLECTA, K.B.p.92-23f44; 30f33; V.S.A.p.70; Prit. p.395; Petit  
liste p.20; Brin Alp. p.79-3f21; 3f130, Lichon;
- (Colletonema; -Schizonema; -Pinn. lanceolata, p.p.)--
- v. acuminata, Brin Alp. p.79;
- NEOCRUCIATA, Cl.-Det. Syll. p.35; (N. cruciata, Cl.)----
- NEOGENA, Pant. 3p. -17f252; 25f372; -(Caloneis silicula, v. ventricosa).
- NERVOUSA, Breb.-K.S.A.p.72; (N. costata, "b").----
- NEOMYERI, Jan.-Atlas 43f1; Malaisie; Det. Syll. p.112; Cl.  
(Scalioneis aspera, v.)--
- NEOMYERI, Pant. 3p. -4f64; Cl. Nav. 2 p.42;
- NEOPAUERI, Pant. 1p.27-14f123; Notat. 1333p.472; Det. S.p.100;
- NICAENESIS, Perag. Villesf. p.43-2f3; Det. S.p.119;
- NICOBARICA, Grin. 1333p.130-14f3; 1333p.13; R.M.C.p.227; Atlas 3f57;  
70f35; Cl. Vega p.505-35f13; Navic. p.75; Villesf. p.50; Det. Syll. p.35;  
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- var., A.S. Atlas 70f35, 36;
- NIDULANS, Clave., M.D. Vol. 2p.73-12f12; Cl. Nav. 2 p.141-6f11;
- NIGRI, Det. -Erb. Critt. Ital. 1332; Idem. Vol. 2p.133; Det. S.p.133;
- NIGRICANS, Pant. 3p. -40f532; (Diploneis fuscata, v. nigr.)-
- NITESCENS, Ralfs, Prit. p.393; Jan. & R. p.10-2f7; Conn. 3. C. p.3-1f7; R.  
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(Diploneis; -N. Smithii, v.: -Pinn. Aramensis.)
- v. fossilis, Pant. 2p.51-9f133; Det. S.p.91; (Diploneis n., var.)--
- v. fragiliana, Petit, Cap Horn p.122-10f3; Notat. 1333p.323;  
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- NITIDA, Grap.-T.M.S. 1333p.44-5f12; Breb. C.C. p.13;  
(N. erabro; -N. pandura, v.)
- NIVALEIS, E.-Abh. Det. 1333p.523; Mik. pl. 353-2a, f5; Prit. p.394; R.M.C.p.  
203; Cl. Nav. p.130; Herib. p.96;  
(N. mesolepta, v.: -N. quinquenodis & undosa.)--
- v. interrupta, Herib. p.96;
- NOBILIS, K.B.p.93-4f24; V.S.A.p.30; E. Mik. p.19. 11f24a, b; 15(A)113;  
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- v. dactylus, V.H.S.p.73; Det. S.p.9; (N. & Pinn. d.)-
- v. fossilis, Pant. 2p.51; Det. S.p.9; -(P. nobilis, v. foss.)
- v. gracilis, H. & Perag.-Herib. p.30;
- v. neogena, Quesett H.C. p.12f1a; Grin. 1333p.143-30f41; Pant. 3p. -9f130;  
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 " var. "b", striata, V. B. p. 101-23f31; K. S. A. p. 34; Prit. p. 394; (Pinn. l.) -  
 " v. curta, Rabh. E. D. p. 207;  
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 NOCULOSA, <sup>3</sup> V. B. p. 101-3f57; 23f71; K. S. A. p. 34; Prit. p. 394; Grun. 1360p. 10; Schum. 1.7. p. 77-4f53; R. E. D. p. 203; Lep. 1373p. 22-202; Grun. p. 24; Sm. Sp. 1. No. 297; Kinnord; Wollé pl. 24f16; Perag. p. 31;  
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 NORDSTEDTIANA, Grun. - Cl. & M. No. 136: Det. Syll. p. 193;  
 NORMANNII, Rabh. - Eiben, 1871 p. : (Pinn.) --  
 NORTHAMERICA, <sup>1</sup> J. B. C. p. 54-3f1; Brew. O. C. p. 13; M. J. 1351p. 9-1f5; R. E. D. p. 175; O. M. I. D. p. 411-34f16; Atlas 47f19, 20; Sm. Sp. 1. No. 293; Det. S. p. 59;  
 NORVEGICA, E. - ~~A. S. p. 134p. 20~~; K. B. p. 93; K. S. A. p. 79; Prit. p. 906; R. E. D. p. 177; Det. Syll. p. 47; (Diploneis fusca, var. n.: -Pinn.)  
 NOTABILIS, Grev. - L. M. S. 1333p. 13-1f9; Grun. 1363p. 100; R. E. D. p. 223; Cl. 1373p. 4; Vega pp. 493, 505; Fortm. Cey. p. 32; Petit Cat. p. 25; Atlas 3f43, 47; Wollé pl. 10f49; Det. S. p. 192; Malaisie: (Diploneis.)  
 " var. ~~1~~ A. S. p. N. C. p. -1f20; 2f11; ~~1~~ A. S. p. 134p. 20;  
 " v. expleta, A. S. Atlas 8f48; Villé p. 50; (Dipl. not., var.; -Nav. ex.) ---  
 NOTABILIS, Part. 2p. 51-5f95; ~~1~~ A. S. p. 134p. 20; (N. Partocochiana) ---  
 NOTATA, H. & Per. - Herib. p. 37-4f11; - (Pinn. Brachy not.); -  
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 NUGAX, W. S. - A. M. N. H. 1355p. 256; (N. coccineiformis.) ---  
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 OBLONGA, K. B. p. 97-4f21; K. S. A. p. 78; Marissal p. 24; Prit. p. 907; Grun. 1360p. 523; Schum. H. T. p. 72-3f46; Beitr. 1359p. 700; Amazon: Eul. Sp. 1. 60; Cl. 1363p. 225; 1391p. 31; Neup. Asatag. p. -1f25; 2f54; O. M. I. D. p. 344-30f10; Bellec, Lichon: M. T. P. 3-2-19; Petit 1333; liste p. 20; Sm. Sp. 1. 300; Lake Michigan; Atlas 47f33-38; Gallia, Pagan; V. A. S. p. 3f-7f1; T. No. 75; Lep. 1334p. 40, 53; Tian 1335p. 40-2f9; J. L. S. 1334p. 245; Perag. p. 53; Det. S. p. 37; Part. 3p. 1-3f142; Herib. p. 96; (Frust. ob. & ocellata; -N. Amariensis; -N. (Pinn.) ocellata; -Pinn. ob. & polyptera.) -

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> occidentalis, Cleve. - I. D. 2, n. 19 p. 144-9 f 4:

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*v. curta*, Wollé pl. 2If15;  
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 > *v. subparallelata*, Rattl. - Trans. Roy. Soc. Edinb. I333p. 425-2912;  
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 > OBTUSA, W.S.B.D. II. 50-I3fI40: *Ardissone I863p. 398, No. 16*; ~ (N. hebes.) ---  
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OXYPHYLLA, K. B. p. 92-30f17; R. E. D. p. 173; Sm. Sp. T. 302; Det. S. p. 33;  
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 v. *elongata*, Breb. Verm. p. 10: Cl. 1363 p. 226; Parag. p. 61; (Nav. elong.: - Dipl. crabro, v. pand.) -  
 PANGERONI, Fortm. - Ann. Bot. Brit. 1392 p. 52-2 f. 9: (N. P. i. d. p. 11.)  
 PANNONICA, Gr. - 1360 p. 541 - 2 f. 40; R. E. D. p. 174; Lagr. 1373 p. 29; Gallik, Pap. i.; (N. i. d. p. 11.) (N. i. d. p. 11.) (N. i. d. p. 11.) (N. i. d. p. 11.) ---  
 PANTOCSEKIANA, De Toni, Syll. p. 64: (N. notabilis, Pt.) ---  
 PAPILLIFERA, O. M. I. D. p. 372 - 3 f. 42; Det. S. p. 151;  
 PAPULA, Gr. - Atlas 7 f. 45-43; Villef. p. 50: Woll. pl. 9 f. 41; Det. Syll. p. 94; (Diploneis p.) -  
 PARADOXA, E. - Ann. p. - 1 - 3 f. 4 (6); V. i. S. p. 100 - 23 f. 77: V. S. A. p. 33: R. S. D. p. 40-5 f. 1; Prit. p. 393; R. E. D. p. 223: Det. S. p. 32:  
 PARALLELA, Castr. 1337 p. 31 - 23 f. 12: Det. S. p. 185: (Caloneis Virginia.)  
 PARALLELSTRIATA, Pant. 2 p. 52 - 2 f. 26; Det. S. p. 157; Cl. Nav. p. 107: (N. nodosa, of Neuf.) ---  
 PARCA, A. S. Atlas 3 f. 20-22; Petit, Nirrou; Woll. pl. 10 f. 5: Det. Syll. p. 94; (Diploneis advena, v.) ---  
 v. *producta*, Pant. 2 p. 52 - 3 f. 143; (Dipl. vacillans, var. "b.")  
 PARIPINNATA, Pant. 3 p. 6. - 13 f. 233: - (P. i. d. p. 11.)  
 PARMULA, Breb. - V. S. A. p. 30; Schum. H. T. p. 39 - 3 f. 45; 1337 p. - 2 f. 40; Gallik, Pap. i.; (G. i. d. p. 11.) (N. i. d. p. 11.) (N. i. d. p. 11.) (N. i. d. p. 11.) ---  
 PARVA, E. - R. i. f. s. Prit. p. 397: V. i. S. p. 101; Cl. 1331 p. 3; Lagr. i. d. p. 11; Parag. p. 58; Woll. pl. 10 f. 3; Herib. p. 92; (N. stadioptera; - Pinn. interrupta; - Stadioptera; - Stadioptera.) -  
 PARVULA, R. i. f. s. Prit. p. 903; Lagr. 1373 p. 23-2 f. 4; Det. S. p. 157: (Pinn.) ---  
 PARVULA, L. L. Sm. Sp. 1. No. 304; A. Q. J. 1373 p. 14-5 f. 4; Lagr. 1373 p. 29; Det. Syll. p. 170:  
 PASSERINI, De Notaris. - Det. Syll. p. 57: (Pinn. i.) -  
 PATULA, S. B. D. p. 49 - 13 f. 139; Brun. Alp. p. 73-7 f. 37; V. i. S. p. 101 f. 296; T. No. 132; Herib. p. 115; - (N. latinsella; - Caloneis lat.) ---  
 PAVIDA, Pant. 3 p. 6. - 30 f. 453; (Caloneis sectilis v. Boryana.)  
 PECTINALIS, Breb. - S. B. D. p. 92; Prit. p. 909; Gall. p. 103; R. E. D. p. 175; Hill: Sm. Sp. 1. 305: (N. retusa.) ---  
 PEDALIS, Brun. 1391 p. 36 - 13 f. 10: Atlas pl. 174 f. 15:  
 PEISONIS, Gr. - 1360 p. 544 - 1 f. 28; 1363 p. 154; R. E. D. p. 202; Atlas pl. 49 f. 25, 26; Det. S. p. 156; Herib. p. 114; (N. dubia; - Neidium.) -  
 PELAGI, A. S. Atlas 7 f. 25, 26; Woll. pl. 14 f. 13: Det. S. p. 94: (Diploneis fusea v. P.) ---

+ pennata;

" *V. Kinkeri*, Pt.-Cl. Nav. 2p. 33: - (A. Kink.: Seot. op. Szakalemsis.)

" *V. maxima*, Cl. Nav. 2p. 33-1 f. 36:

+ peregrina,

> " var. *Kefuingsis*, E.-Cl. Nav. 2p. 18: - (Pum. Nav. K.)

" *V. Calcuttensis*, Grun.-Cl. Nav. 2p. 18-2 f. 2:

+ " *V. Polaris*, Cl. Nav. p. 18(2): - (Nav. p. cl.)

+ " *V. meniscus*, Cl. Nav. 2p. 18: - (Nav. men.; + *Sambiensis* &  
*aperta* + *cyprinus*)

+ " *V. menisculus*, Cl. Nav. 2p. 18: - (Nav. *gastrom*, v. *Upsekensis*; *Apresosa*.)

*P. recta*, Pt.-Cl. Nav. 2p. 50:

" var. *L. Tourneii*, Pt.-Cl. Nav. 2p. 56: - (Nav. 2st.)



> PHI, cl. nar. 2p. 34-1f34:

pinularia,  
"var. Baltica, Damp. p. 24:

+ placutula, E. - Oestrup mar. d. pl. 6f73: 1897 p. 318:

> "forma minor; V.H.f. pl. 8f26+



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- PERVASTIA, Pant. 3p. -36f510; (Diploneis major v. perapna.) -  
 PETERSII, K.S.A.p.70; Prit. 1.901; Grun. 1363p.13; Rabh. E. 3. p. 194;  
 Det. Syll. p. 145; (Pinnil. P.) ----  
 PETITIANA, Grun., N.L.K.D. p. 12-3f34; Cl. & M. Nos. 255; Det. S. p. 175;  
 (Caloneis Castracanei, v.) ---- *212 f 26 27*  
 PRITZERIANA, O'M.I.D. p. 405-33f35; M.J. 1374p. 313; Det. S. p. 73;  
 (N. divergens & vacillans.) --- *Petit, Castr.*  
 PHALANGIUM, Pant. 3p. -30f432; - *47*  
 PHILOPAENA, E.-Abh. Ber. 1360p. 222; 1372p. -36, f10; Det. S. p. 139;  
 PHOENICENTERON, E., Inf. p. 175-13f11; 1899. Alg. p. 429-10219; Prit.  
 1352pls. 3f139; 15f17, 18; *10219*  
 (Cymbella; -Pleurosiphonia; -N. fulva & bohemia; -Stauroneis.) -  
 PHILLIPINICA, DeToni, Syll. p. 37; (N. mirabilis, Castr.) ----  
 PHYLLEPTA, K.B. p. 94-30f56, 61; K.S.A. p. 74; Bréb. D.C. p. : Prit. 1.905;  
 R.E.D. p. 177; V (N. lanceolata, v.) ---  
 PHYLLODES, E.-Mik. p. 373; Det. S. p. 139; (Stauroneis.) --  
 PI, Cleve. -LeD. No. 13p. 15-1f13; *Cl. Nav. 2p. 50*  
 PINNATA, Pant. 2p. 52-20f303; Det. S. p. 64; *Cl. Nav. 2p. 33*  
 PINNULARIA, Cl. 1363p. 224-4f1, 2; 1373p. 16; Nares: 1330p. 27; Vega p.  
 463; M.J. 1374p. 257-3f4; O'M.I.D. p. 354-30f33; Lagr. 1376p. 33; Gann.  
 p. 24; Det. S. p. 110; (N. quadratarea.) ----  
 v. asymmetrica, Cleve, Vega p. 463;  
 v. Baltica, Grun. -Cl. 1330p. 27; Det. Syll. p. III;  
 v. interrupta, Cl., Vega p. 463-36f21;  
 v. Seychellensis, Grun. -Cl. 1330p. 23; Det. S. p. III; *Pinn. quadratarea*  
 v. Souerlundii, Cl. 1330p. 27; Det. S. p. III; *ward.*  
 v. subproducta, Grun. -Cl. 1330p. 23; Det. S. p. III; *Dampf p. 24*  
 v. Tahitensis, Grun. -Cl. 1330p. 23; Det. S. p. III;  
 PISCICULUS, K.B. p. 95-23f64; K.S.A. p. 75; Prit. 1.902; R.E.D. p. 200;  
 Amazon: Det. S. p. 30; *Cl. Nav. 2p. 23* (N. commixta; -Pinn. gracillima & f.) -  
 PISTILLUM, Bleisch, 1363p. 79; Det. Syll. p. 132;  
 PLACENTA, E.-Mik. p. 1.33-12f23; Prit. p. 399; Lew. w. M. D. p. II-2f7; R.E.D.  
 p. 224; Cl. 1330p. 47-3f60; Vega p. 474; 1391p. 32; Det. S. p. 133;  
 (Ceratoneis; -N. apiculata, Greg.; -N. rostellum.) ---- *Cl. 1895 p. 122, Nav. 2p. 4*  
 PLACENTULA, K.B. p. 94-23f57; K.S.A. p. 74; Mik. p. 1.5(A)f21; *1895 p. 122*  
 Gann. p. 25; Cl. 1330p. 34-2f36; Vega p. 466; 1391p. 32; 1391p.  
 p. 102; Amazon: *Cl. Nav. 2p. 23*; (N. gastrum, v.; -Pinn.) ----  
 v. Anglica, Grun. -Cl. 1330p. 34; Det. S. p. 56; (Nav. a. & tumida.) ----  
 v. lanceolata, Grun., Cl. 1330p. 34; Vega p. 466; Det. S. p. 56;  
 (Nav. tumida, v.) --- *Cl. Nav. 2p. 23*  
 v. subsalsa, Grun. -Cl. 1330p. 34; 1391p. 32; Det. S. p. 56; *Dampf p. 28* (N. tumida, v.) -  
 PLACIDA, A.S. Atlas 174f2;  
 (Diploneis p.; -D. muscaeformis v. maxima.) ----  
 PLACITA, Grove & Start. -J.Q.C. 1337p. 133-10f14; Notul. 1337p. 354;  
 Det. Syll. p. 56;  
 PLAGIOSTOMA, Grun. -Cl. & M. Nos. 257, 258; Det. S. p. 193; -  
 PLATALEA, E.-Abh. Ber. 1342p. 337; Mik. p. 1.5A, f39, 42a, b; Notul. p. 22-2f37;  
 R.E.D. p. 226; Det. S. p. 137; (Nav. 131096, la.) ---  
 PLATESSA, Cl., N.L.K.D. p. 9-1f12; Det. Syll. p. 119; *Cl. Nav. 2p. 36* (Diploneis.)

" v. *Bengalensis*, Gr. Mus. - Cl. Nov. 2p. 24:

+ Powellii, atlas 212 f 19, ~~20~~, 22, 24, 25:-

" v. *trichii*, Gr. Mus. Atlas 212 f 212 32 (Colours)

+ " v. *Laliop*, Atlas 212 f 20:

- .....  
LATYSTOMA, E. - Inf. p. 173-13f3; Mik. pl. 13-2f3a, b; Mass. Alp. p. 431-102f  
 3: S.B.D. 2p. 102; Cl. 1391p. 34: Det. Syll. p. 191: -(N. dilatata; -Stauroneis  
LATYCEPHALA, E. - Nylander, W., p. : (Pinn.: -Stauroneis.)  
LENA, O'M. - Det. Syll. p. 36: (Pinnularia.)--  
LEUROPHORA, K.B. p. 98: K.S.A. p. 79: Prit. p. 903: Grun. 1330p. 513:  
 (Pinn. costata & megaloptera.)  
LEURONECTES, E. - Det. Syll. p. 192: (Pinnul.)-  
LICATA, E. - Abh. Ber. 1353p. 594; Donk. B.C. p. 59-9f2; Cl. 1330p. 33; Vega  
 p. 440; Navic. p. 154; *Form. Dm. p. 101*  
v. sumatrana, Cleve, Nav. p. 154: (N. oxia.)  
LICATULA, Grun. Mss. - Cl. Nav. p. 155-3f23:  
LUMBNOLOR, O'M. I.D. p. 372-3f44: Det. S. p. 150;  
LUTONIA, O'M. - M.J. 1372p. 233, 13f6; Hedw. 1372p. 154; Det. S. p. 73:  
OLARIS, Lagr. 1373p. 24, 2f3; 1373p. 33; Cl. Vega p. 433: Det. S. p. 29;  
 (Nav. peregrina, v.)-  
OLI, Nicolluci. - Rev. Sci. Napoli, 1342p. 252; Det. S. p. 136:  
OLITA, Brun 1391p. 33-15f9;  
OLYGIBBA, Pant. 3p. - 5f35: Cl. Nav. p. 135;  
OLYGONA, Brun 1391p. 33-15f9; (Pseud-amphipoda.)-  
OLYGRAMMA, Schum. H.T. p. 75-4f56; -(Frust.: -N. costata; -Stauroneis.)----  
OLYONCA, Breb. - K.S.A. p. 35: R.S.D. p. 41; Prit. p. 394: R.E.D. p. 297: Lew.  
 N. & R.S. p. - 2f7; V. A.S. p. 30-"A" f14; Kinnora; Perag. p. 58; Wille  
 pls. II f17; 24f13; 33f2; (Pinn. p. & undulata.)----  
OLYSTICTA, Grev. - Trans. Bot. Soc. Edinb. 1359p. 23-4f12; Prit. p. 303; R.  
 E.D. p. 225; Atlas 3f26; Fortm. Cey. p. 32; Lagr. 1373p. 42; Villef. p. 47;  
 Wille pl. 9f23; Det. Syll. p. 103: (N. Baileyana, v.)  
v. circumsecta, Grun. - A. Schm. N. D. p. 89-1f36, 42; Atlas 3f27, 23; Fortm.  
 Cey. p. 32; Villef. p. 47; Brun & T. p. 75: -(N. circumsecta, v.) (Nav. circ.)----  
ORRECTA, K.B. p. 99: K.S.A. p. 31; Prit. p. 393: Merio. p. 33; (Pinn.)-  
ORTO-MONTANA, Cleve, Nav. p. 112-3f36;  
OWELLII, Lewis, N. & R.S. p. 35-2f2; Cl. 1373p. 5: Villef. p. 33-2f9; Wille  
 pl. II f4: Det. S. p. 173: -(Caloneis: -N. Gallopagensis & Vidovichii.)-  
v. Gallopagensis, Cl. - Det. S. p. 174: -(Nav. G., Cl.: -Caloneis P., var.)----  
RAECLARA, Pant. 3p. 2. - II f132;  
RAEFLUA, Pant. 3p. 2. - 15f232; (Diploneis fusca, "b".)---  
RAESECTA, A. Schm. N.C. p. 90-2f20; Lagr. 1373p. 35: Det. S. p. 121: -(palpebralis, v.)---  
RAESTES, A.S. Atlas 12f57, 53; Fortm. Cey. p. 33; Wille pl. 19f23; Detoni,  
 Syll. p. 35: Malaisie: (Diploneis.)-  
RAETEXTA, E. - Abh. Ber. 1340p. 20: (Pinn.)---  
 K.B. p. 98: K.S.A. p. 30; Breb. D.C. p. : Greg. D.C. p. 9-1f11: Prit. p. 393:  
 Donk. B.C. p. 10-2f1; R.E.D. p. 135; Carr. p. 107: Edw. M.H. pl. 3f29; O'M. I.D.  
 p. 337-32f27; Petit Cat. p. 24; Jan. Gaz. pl. 15f21: Fortm. Cey. p. 32; Atlas  
 3f30-34; 129f7; Lagr. 1373p. 41; Cl. 1373p. 4: Vega pp. 506, 511: V. A.S. p.  
 92-9f13; Mobile; Shark River: J.R.C. 1335p. 166: 1336p. 323; Atlantic  
 City; Witt 1335p. 29-9f4; 1338p. 17-4f3; Brun & T. p. 73; Villef. p. 47;  
 Pant. Ip. - 9f79; 2p. 52; Wille pls. 20f1, 7: III f3; Trian. 1335p. 44-2f  
 27; Det. Syll. p. 102: CC. Nav. 2p. 55: (Pinn. p. 30.)  
v. abundans, A.S. Atlas 129f3; Malaisie; CC. Nav. 2p. 50.

"var. *anomalis*, W. var. sp. s. s.

1881. Pt. - Cl. a. 25, 06 - (var. *pauciflora* of little)

Char. Gen.

(var. *pauciflora* of little)

1881 - 1882. Pt. - Cl. a. 25, 06 -

!!!!!!!

- \* v.Carpentariae, Grunler.-Atlas 3f3I; Fortm.Cey.p.32: -(N.praext.)--
- \* v.haytiana, Witt.-Det.Syll.p.I03: *Nav. 2 p. 562* (Nav. 1., vitt.)-
- \* v.reticulo-radiata, Brun & T.p.73; Notar.I339p.330:  
Det.S.p.I03: (Nav. 1.)----
- PREISSEI, E.-Det.Syll.p.I02: (Pinn.)---
- PRESSA, Pant.3p. -25f302;
- PRIMORDIALIS, Pant.3p. -25f332:
- PRISCA, A.S.Atlas I2f66-69; Villef.p.52; Wolle I5f6, I3; Malaisie:  
Det.S.p.85: (Diploneis.)---
- PRISTIOPHORA, Jan.-Atlas 70f72; Wolle pl.23f2I; Det.Syll.p.30:  
(Diploneis gemmata, var. p.)---
- PROBABILIS, A.S.Atlas 50f46; Villef.p.46; Det.S.p.I57;  
Wolle pl.I9fI: (Caloneis.)---
- PROCERA, Pant.2p.52-I5f6: Det.S.p.II2; -(*Pinn. divergens*, v. *sublin.*)-----
- PRODUCTA, Breb.-K.S.A.p.35: (Synedra acicularis.)----
- S.B.C.Ip.5I-I7fI44; Prit.p.902-7f66; Grun.I360p.543-2f35; Carr.p.  
I05; Hull; Roper, Thames; Bleisch, I365; Schum.I369p.35; Sir.2p.1.I2-  
IfI5; O'M.I.C.p.370-3If55; Petit liste p.I9; Atlas 49f37-39; 50f47;  
V.H.S.pl.I3f3; Belloc, Luchon; Perag.p.60; Herib.p.II5;  
(N.iris, v.: -N.affinis, v.: -N.amphyrrhynchus. + Neidium.)----
- \* var., wolle pl.I9f3, I2, I5:
- PROMINULA, A.S.Atlas I3fI5; Det.S.p.35: (Dipl.splendida, v.)-
- PROPINQUA, A.S.Atlas 7fI3; Det.S.p.94; -(Dipl.hyperborca.) *Pinn. 1. 1. 1.*
- PROSERPINA, Ralfs, Prit.p.393; R.E.C.p.203; Lagr.I373p.36;  
Det.S.p.32: (Diploneis; -N.Kutzingii.)
- PROSERPINA, Pant.3pZ. -I3f260: -(*P. gibba*.)-
- PROTRACTA, Grun.-Eiben, I37I; Cl.I330p.35-2f33; Nav.p.I40;  
(N.erucicula, v.)--& N.troglodites.)----
- \* v.maxima, Cleve, Nav.p.I40;
- \* v.minor, Pant.3pZ. -20f30I: (N.halophila.)-
- PROXIMA, Jan.-Atlas 70f49; Det.Syll.p.I0I: *Jan. Gaz. 15f5-7:*
- PSEUD-ASPERSA, Pant.3pZ. I3f253; (Trachyneis aspera.)
- PSEUDO-BACILLUM, Grun.-V.H.S.p.I03-I3f9; Cl.I330p.45-2f52; Vera p.  
49I; I39Ip.36; Nav.p.I37; Det.S.p.I3I; Herib.p.II3:  
(N.bacillum, "b": -N.granum, laevissima & leptogongyla.)----
- \* v.major, Perag.-Herib.p.II3:
- PSEUDO-CINCTA, Det.Syll.p.I32: (N.cincta, Pant.)----
- PSEUDO-FUSCA, Pant.I. I3-I3fI09; Det.S.p.33: -(Dipl.fusca, v. ps.-f.)----
- PSEUDO-GEMMA, Pant.3pZ. -29f420: (Diploneis gemmata.)-
- PSEUDO-LIBELLUS, Atthey.-Trans.Tennesia Field-club, Vol.4, p.32I:  
Q.J.M.S.I365p.252;
- PSYCHROPHILA, Grun.-Cleve I33Ip.5:
- PUELLA, Schum.I367p.56-2f39; (Diploneis; -N.elliptica.)
- PUELLA, A.S.Atlas I2fI3-I5; 69fI5, 25; Fortm.Cey.p.33; wolle pl.I5f  
I0, I6, I3; Villef.p.52; Det.S.p.33; Malaisie: -(Dipl.splendida, v.)
- PULCHRA, Grp.-T.M.S.I353p.42-5f7; Prit.p.906; Carr.p.I07: R.E.C.p.  
I76; O'M.I.C.p.332-32fI6; Det.S.p.53: *Nav. 1. 1. 1.*
- PUMILA, Grun.-V.H.S.pl.3f6, 7; I4f35; wolle pl.24fI3; Herib.p.II9:  
(Nav.veneta, var.)--
- \* v.fossilis, Pantoc.3pZ. -5f75: -(*N. cryptocapala*, v. *pumila*)

Punctata.

7 "*v. asymmetrica*, Legr. 1893 p. 29-2 f 7: - (*N. amphibola*).

July 1879. S.S.C. 1879p. 37-154: (Frost. rophneria)

N.T.C. the o's are - col. l. p. 47; - other - B. 2, 90. in ~~the~~ <sup>the</sup> ~~man~~ <sup>man</sup> ifera.

*N. erythroea*, Gn.) -

"*R. f. mundaica*, gn. - (l. var. 2p. 47: - (var. *cluth.* v. *Fin.*)

11. *Monarda glandulosa*, Gm. - Cl. Nov. 29, 47. - [H. Cluth. v. Nov. 2.]

11 V. paqophila, gn.-cl. Nav. 2 p. 47: - (*V. paqophila*)

1. *V. striolata*, Gm. - cl. max. 2 p. 47% - (H. Cluth. v. 3)

*Silene spaldingii* (Gray) Robinson & S. Wats.

411 var. *Jamalinensis*, Cl. var. 2 p. 41:-

1 Pucio, Cl. Nav. (2) p 9-2 f 3:

inf. g. 222

1/ var., A.S., Atlas 70F6:



+ radiosa, Cl. 1895 p. 11:

" var. minutissima, Gen. 1882 p. 144; Cl. Nav. 2 p. 17:

" v. subrotunda, Cl. Nav. 2 p. 17: - (Pinn. ...)

+ Racana, Atlas 2 12 f. 57, 58: Cl. Nav. 2 p. 69: - (A. contorta, Xth.)

> var. osissima, Ag. - Cl. Nav. 2 p. 26: - (Schizoneura) Oestr. 97 p. 320:

" l. caspia, Gn. - Cl. Nav. 2 p. 26: - (Schiz.)

" " amplia, Gn. - Cl. Nav. 2 p. 26: - (Sch.)

Reiche, f. 15: Tschutschschorum, Cl. Nav. 2 p. 65: - (Nav. Tsch.)



QUADRILINEATA, Grm.-Cl. & Gr. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
Cl. & Gr. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
QUADRISERIATA, Cl. & Gr. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
175; (Caloneis; -N. simplex.) ---  
QUADRISULCATA, Grm. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
Cl. & Gr. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
QUARNERENSIS, Grm. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
Nav. p. III: -(N. birostrata; -N. ciliolata, v. 2001, 18; -Stamoneis.) ---  
" v. dilatata, Petit Cat. p. 21-5f24; J.R.M.S. 1373p. 241-13f24; -(Mastiglossia f. l.)  
QUINCONX, Cleve. 450. Vol. 2p. 75-126; Cl. & Gr. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
QUINQUEFIDIS, Grm. 1330p. 101-12, f14; Grevillea Vol. I. 79-80 f2, 6;  
Cl. 1330p. 11; 1391p. 33-2f5; Wille p. 1. 10f3, 9;  
(N. mitica, v.: -N. nivalis & nodosa; -Pinn.) ---  
RABENHORSTII, Hilse. -Prit. p. 399; Det. Syll. p. 36;  
(Pinnularia; -Pinn. & N. interrupta.) ---  
RABENHORSTII, Grm. 1330p. 513-2113; Petal. p. 33; (Pinn. l. 2p. 171) ---  
RADIATA, Fortm. -Ann. Bot. Brit. 1392p. 17-2f4;  
RADIOSEA, K.B. p. 91-4f23; W.S.A. p. 39; Prit. p. 905; Grm. 1330p. 523; Cl.  
1337p. 365; 1338p. 225; 1391p. 31; Cl. & M. No. 250; Sem. 1. 1. 1. 39-3f12;  
Eiben, 1371; O.M.I.D. p. 407-34f3; Atlas 47f50-52; Petit & Lema; lists  
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(N. angusta & aversa; Cl. 1330p. 171) ---  
" v. acuta, Grm. 1330p. 524; Brin Alp. 1. 73-3f21; V. 1. S. p. 35-7f10; T.  
No. 36; Det. Syll. p. 42; Herib. p. 100; -(Pinn. acuta & amphioxys.) ---  
" var. "o", Rabenh. p. 214; (N. 1330p. 171) ---  
" v. Canadensis, Grm. 1332p. 144-30f49; Det. S. p. 42; Cl. 1330p. 171; ---  
" v. fossilis, Pant. 2p. 54-5f91; Det. S. p. 42;  
" v. tenella, Brin. -V. 1. S. p. 34; Bellon, 1371; Petal. p. 33;  
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RAEANA, Cass. -Notul. 1331. 390; Det. S. p. 30; Petal. p. 33; (Pinn.) ---  
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RATRAYI, Pant. 2p. 52-30f427; Det. S. p. 93; Cl. 1330p. 171; ---  
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Carr. p. 103; Cl. & M. No. 301; O.M.I.D. p. 343-30f3; V. 1. S. p. 71-A, 17; T.  
No. 74; Wille 9f36; Det. Syll. p. 13; (N. laevissima, v.: -Pinn.) ---  
" v. regula, Grm. -Det. Syll. p. 14; (Pinn. recta) --- (Nav. 1330p. 171) ---  
REGULA, Gr. & Cl. -Cl. 1330p. 5-1f3; J.V. 1373p. 509-44f3;  
(N. rectangulata, var., & lumen.) Pinn. rect. ---  
REICARDII, Grm. -Atlas 70f23-29; V. 1. S. p. 1. 10f9; Cl. 1330p. 32;  
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REINARDII, Grm. -M.T.P. 3-3-13; Sm. Sp. 1. No. 312; Cl. & M. No. 25; A.O.M.  
1371p. 151; Cl. 1330p. 32; 1391p. 31; V. 1. S. p. 35-7f15, 6; T. 1. 1. 1. 39-3f12;  
Michigan; Wille 20f17; Det. Syll. p. 52; Herib. p. 102; ---  
(N. varians & vernalis; -Stamoneis r. & truncata.) ---

7 restituta, A.S. - Cl. 4m. #1021 - (A. fraudulenta.)

+ reticulopariata, Cl. Nav. 2p. 55.

restituta, A.S. - Cl. 4m. #1021 - (A. fraudulenta.)

+ Rhaphoneis, E. - Cl. Nav. 2p. 30-1f30: - (A. Pacifica.)

Rhombea, { Amer. p. 131, 3-7f27: K. S. A. p. 73:

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- v. gracilior, Grun.-V. 1.7. No. 71 sub; Det. Syll. p. 52: *V.H. p. 1*  
 (N. digitato-radiata, v. striolata.) -- *Cl. Nav. 2 p. 20*  
 REINICKIANA, Rab. Atl. Em. 302; Prit. p. 933; Det. S. p. 109: -(N. digitata.) --  
 REMOTA, Grun.-Cl. 1330 p. 39; Atlas 4712; Det. S. p. 17: (N. digitata, v.) --  
 RESIDUA, A.S. Atlas 43f29; Det. Syll. p. 117: Malaisia:  
 (Trachyneis aspera, v.) --  
 RETICULATA, Grun.-Leuw. Vol. 3 p. 20: (Dictyonis marginata.) --  
 RETICULO-RADIATA, Brun. & T. p. 44-5f4; *2 p. 18* (N. tractexta, v.: -N. Reissii.) --  
 RETUSA, Bréb. D. C. p. 13-1f3; S. B. D. 2 p. 92; Prit. p. 903; V. S. 1331 p. 14-1f  
 17: R. E. D. p. 133; Donk. B. D. p. 34-10f3; Grun. 1333 p. 100: Ebnen, 1371:  
 O'M. I. D. p. 355-30f42; Atlas 46f45, 43, 74, 75; M. T. P. 3-3-21; Petit Cat.  
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 p. 46; Wollé 17f13, 17; Shark River: Det. Syll. p. 21: *2 p. 18*  
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 v. sordetisa, Grun.-V. 4. S. p. 77-A, f10; Det. S. p. 21: *1 f. can. v.* (Nav. 2 p. 20)  
 RADIOMEIS, *2 p. 18* Prit. p. 911; Grun. 1333 p. 19-1f17; Det. S. p. 75: -(Pitt.) --  
 REUSSII, Pant. 3p. -33f473; (N. digitato-radiata.) --  
 RENANA, E.-Amer. p. 131, pl. 7-3f27; Mik. pl. 7-1f7; K. S. A. p. 73: R. S. D. p.  
 33-5f14; R. E. D. p. 225; Det. S. p. 133: -(Mastogloia & N. Jelineckiana.) ---  
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 107; R. E. D. p. 131; Donk. B. D. p. 53-9f1; O'M. I. D. p. 353-3f14; Cl. 1331, 1370,  
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 forma latior, Greg. -T. M. S. 1356 p. 38-5f1; R. E. D. p. 131:  
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 RHOMBOIDES, E.-Amer. pl. 3-1f15; K. B. p. 94-23f45; 30f44; K. S. A. p. 73; R.  
 S. D. p. 33-5f15; S. B. D. 1 p. 46-13f129; 2, p. 90; Braemar; Mill: Prit. p. 903;  
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 Colletonema viridulum & virgare; -Tristitia rh., Saxonica & coriacea:  
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 forma elliptica, Grun. in litt.; R. E. D. p. 172;  
 sporangialis, Lewis, M. & R. S. p. 34-2f3; M. V. D. p. 11-2f10, 11:  
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 v. amphileptoides, Grun.-Cl. 1330 p. 47-3f59; -(Tristitia & Val. 1. 2.) ---  
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" var., Kt., Atlas 2f11:

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" forma minor, Juss. V.H.B. pl. 14f19:-

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- Gran. I. 360 p. 529; Dippel I. 370 p. 5; O'M.I.D. I. 413-34 f3I; Atlas 47 f23, 24, 25;
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Syll. p. 44; Spaner, Duren; Herib. p. 101: *Cl. Nav. (2) p. 15; Dampf. p. 25*
(*N. cryptocephala*, *airrhynchus* & *Gottlandica*.) ----
v. amphiceros, (K.) - Gran., Cl. I. 330 p. 35; V.I.S. I. 31-7 f30;
Det. S. p. 45; *Cl. Nav. (2) p. 15; Dampf. p. 25*; (*Nav. amph.*) ----
var. "b", (forma parva), E.-R.E. I. p. 195; (*N. amphiceros*) ----
var. "c", (forma robusta), Rabh. E. G. p. 196; (*N. leptocephala*.) ---
var. "d", Gran. I. 360 p. 529-2 f31 b; (*var. geminata*)
v. biceps, Gran. I. 360 p. 550; Det. Syll. p. 45; (*Nav. b.*) --
v. brevis, Gran. I. 360 p. 529-2 f31 c; Det. S. p. 45; (*N. airrhynchus*)
v. dubia, Gran. I. 360 p. 529; Det. Syll. p. 45;
v. elongata, Gran. I. 360 p. 529-2 f31; Det. S. p. 45;
v. Genevensis, Brun Alp p. 81; Det. S. p. 45;
v. leptocephala, R.-Brun Alp p. 81-9 f29; Cl. I. 330 p. 33-2 f33;
Det. Syll. p. 45; (*N. lq.*) --
v. rostellata, K.-A.S. Atlas 47 f27-28; Cl. I. 330 p. 33; V.I.S. p. 34;
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RICHARDSONIANA, O'M.I.D. p. 339-32 f33; Det. S. p. 175; (*N. Sandriana*.) -
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RIOJOAE, Cl. I. 331 p. 12-16 f2; Nav. p. 137; Det. S. p. 161;
ROBERTSONIANA, Grev. -Trans. Bot. Soc. Edinb. I. 363 p. 255-319; Atlas 217; II:
Cl. & M. No. 200; M.I.P. 3-3-I; Fortm. Cey. p. 33; Malaisie; Det. Syll. p. 100; Wollf pl. 13 f3;
(*N. lyra, v.*) ----
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ROMANUM, E.-Mik. p. 143;
ROSSELLARIA, Grev. -Schm.N.G. I. 1. 2 f31; Villef. p. 46; -(*P. rostellata*, Grev.)
ROSTELLATA, W.B. I. 95-31 f5; V.S.A. p. 75; Plut. I. 902; R.S. I. 1. 200;
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(*N. thynelocephala, v.*) --- *Cl. 1895 p. 12*
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(*N. apiculata, var., & placenta*.) ----
ROSTRATA, E.-Mik. 32 p. 1340 p. 13; W.B. I. 94-3 f55; V.S.A. p. 74; R.S. I. 1. 37-
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Spaner, Duren; Det. Syll. p. 139; (*Alopecurus sciticea*.) ----
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v. excentrica, Gran. -V.I.S. pl. 14 f20; Cl. Nav. p. 123;

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canadensis, Lag. - C. R. 2 p. 48: - (Stauroneis).

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(Scolio Lema.)

V. californica, Cl. Nav. 2p. 45-174:
" *V. californica*, Cl. Nav. 2p. 45-174:
" *V. californica*, Cl. Nav. 2p. 45-174:

V. californica, Cl. Nav. 2p. 45-174:

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" *V. californica*, Cl. Nav. 2p. 45-174:
" *V. californica*, Cl. Nav. 2p. 45-174:

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" *V. californica*, atlas 2 12 f 18:
" *V. californica*, atlas 2 12 f 18:
" *V. californica*, atlas 2 12 f 18:

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Det.Syll.p.133:

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SCHOMBURGKORUM, E.-Atl.32.1541.74; K.S.A.p.71; R.E.D.p.225;

R.E.D.p.905; R.E.D.p.225:

SCHOLZII, Kain.-T.B.C.Vol.15.17-8412; Wille 2.13; Det.Syll.12:

(N.confederata) - Cl. Nav. 2 p.40:

SCHUMANNIANA, Grun.-V.H.S.p.99-II f21; Cl.1391.33; Det.Syll.p.12:

Wille 22 f14;

(Caloris; -N.trochis.)---

SCHWEINFURTHII, Grun.-Atlas 14 f4-5; Det.Syll.p.12;

SCINTILLANS, A.S.Atlas 70 f31; 15135, 37; Grun. & L.P.13-31; Wille

15 f22; Det.S.p.94; Cl. Nav. 2 p.40:

(Caloris.)----

SCITA, W.S., A.M.N.1.1357.1.3-214; Prit.1.903: New Zealand: Atlas 2.1:

D.p.133; Belloe, Luchon: Parag.p.59; Det.Syll.p.147;

(Neidium bisulcatum.)---

SCOLIOPLEURA, A.S.Atlas 45 f33; Wille 12 f27; -(Scolioptera ad. ex.)----

SCOPULORUM, Grun.-K.S.A.p.31; R.S.C.1.11-5 f7; Prit.1.395; Grun.1350,

p.547-II6; Donk.B.D.p.73-12 f5; Cl.Vega 1.134; Nav.1.171; S.D.C.1334,

p.19; Det.Syll.p.135; *Oestrup 1897 p.316:*

(Climacopsis Fraustelani x Lorenzin; -N.escoria; -N. & Pinn. 30 f1011:-

Stictodesmis Australis.)

■ v.Belgica, Det.Syll.p.135; Cl.Nav.1.152; - (N.Johnsoni, var. Belg.)---

■ v.fasciculata, Grun.-Cl. & M.173 sub; Det.S.p.135; Cl.Nav.1.152;

■ v.perlonga, Grun.1391.39-15 f2a, b; Cl.Nav.1.152; -(v.fasciculata.)

SCOTICA, A.S.Atlas 43 f7-II: Sr.Syll.No.330; Cl. & M.332; Det.

Syll.p.113;

(Trachyneis clepsydra, v.)

SCULPTA, E.Mik.pls.10-15 f5a, b; 10-2 f3; 33A, f13; Rab.Alg.No.1131b;

Prit.p.900; Atlas 49 f46-48; Sm.Sp.T.317; M.T.P.3-3-10; Gamf.p.29;

V.H.S.p.100-12 f1; T.123; Fresenius p.33-4 f14-16; Wille 9 f44, 45; Part.

2, p.53. (Aloneopsis; -Frisculia; -N.oharica, 10 f14a, b, 15 f15.)-

SCUTELLOIDES, W.S.-O.O.M.S.1356.1.1-1 f17; S.D.C.2.1.91; Prit.1.909; R.

E.D.p.135; Grun.1330 p.533-31 f5a, b; Schm.1331.20-21 f2; Gamf.p.107;

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Michigan; Kinnora; M.T.P.3-3-7; Strose, Vl.1.9-1 f11; Cl.1391.33;

Det.Syll.p.133; *Cl. Nav. 2 p.40:*

■ forma minor, Heribaud p.107:

■ v.minutissima, Cl.1331.12-16 f10; 1391p.33; *Nav. 2 p.40:*

SCUTELLUM, O.M.I.C.p.393-53 f14; V.H.S.pl.9 f11; -(N.Smithii, v.: -Pinn.)--

SCUTIFORMIS, Grun.-Atlas 70 f32; Det.Syll.p.127; Cl.1391.33;

SCUTUM, Schm.1332 p.133-9 f15; 1.1.1.70-31 f44; Schm.B.C.1.1.1-21 f5; R.

E.D.p.133; Lapp.1373 p.23; V.H.S.p.93-II f14; Det.Syll.p.123; Cl.

Nav.1.133;

(N.oharica, 1.1.1, & 1.1.1.1.1.)-

SCYTHICA, Part.3 p.1. -23 f35; -24 f36;

SECERNENDA, A.S.Atlas 15 f13; Det.S.p.30;

SECTILIS, A.S.Atlas 50 f3; Det.S.p.173; Part.21.35;

(Caloris.)

■ v.Boryana, Part.2 p.53-3 f152; Det.S.p.173; -(Caloris Powellii, var. ?.)

SEDUCTILIS, A.S.Atlas 2 f35, 36; Fortm.Cey.p.33;

(N.lyra, v.)----

SEJUNCTA, A.Schm.B.C.p.1.1-II f3; Atlas 7 f30; 70 f35, 36; Det.Syll.p.94;

Wille pl.10 f24; Atlas 21 f39, 40;

(Caloris.)--

■ v.Balajickiana, Part.2.1.53-4 f59; Det.Syll.1.94;

Capitulum L. *pl. R. pl. 38-2052: 39-1537:*
40-3586, 88:

> semidecora, Brun. - *Ed. 2. n. 22 p. 241-22 f 16:*

+ semicruciatu, (Nav. vintis, v. sem.) - Petel, Cap Horn:

seminulum Cl. 1895 p. 13

> semota, A.S. - *Atlas 2 T 1540, 41:*

+ septentrionalis, Oestr. Mar. D. pl. 8 f 97: Petel, Cap Horn:

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" var. *asymmetrica*, Cl. nov. 2p. 29: - (*Rhoic. Boll; var.*)
" v. *mediterranea*, Cl. nov. 2p. 29: - (

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- SERIOSA, Partoc. 3p. 2. -32f464; *Cl. Nav. 2p. 66:*
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 ' v. polyclados, Grun.-Cl. 139 Ip. 32; Schiz. p. & setacea, v.)---
 SEVERINI, Nicotici.-Napoli 1342p. 252; Det. Syll. p. 136;
 SICULA, E. *Fig. p. 1 - Cl. 1871*
 SIDERALIS, Brun.-Atlas 174f3; (Diploneis crasso, v. pandura.)-
 SIEBOLDII, Partoc. 3p. -20f193; (Trachynsis Johnsoniana.) *mix*
 SIGMA, E.-Abh. Ber. 1334p. 259; Inf. p. 131-22f15; Amer. p. Pls. 2-4f5; 2-
 3f25; 3-4f4; [^]Williamson 1.20-1f20; A. S. S. 1342p. 1.2f24; Prit. 1352p. 1.
 3f146; Mik. pls. 14f21; 13f34; [^]37-1f15; Nord. p. -2f39; Coll. Estex;
 Bailey So. p. 14, f52; Wollé pl. 24f10, II: (N. fusiformis, E.: -N. lili, Deap-
 us; -N., Frust., & Pleurosip. acuminatum: -Gyrosig. Hassalli:-
 Nitzschia signoides.)-- *Emik. p. 35:*
 SIGMA, Brun 139 Ip. 39-16f5a, b; *Cl. Nav. 2p. 34:*
 SIGMOIDEA, E.-Abh. Ber. 1330p. 116; Beitr. 1332p. 30; Inf. p. 132-131f5;
 (Cymbella, Nitzschia & Syneura s.: -Pleurosigma acuminatum:-
 Frustulia & Sigmatella nitzschii.)
 SIGNATA, (E.)-Ralfs, Prit. p. 900: R. E. D. p. 224: Det. S. p. 190: (Pinn.)--
 SILESIACA, Bleisch.-H. L. Sm. Sp. 1. No. 322: (N. lili, v.)-
 SILICULA, E.-Vreia. 1333p. 130; Amer. p. 131; Mik. pls. I-3f13a: 2-1f3;
 15; 4-1f10; 4-3f6; 5-2f15; 5-3f22; 6-1f16; 6-2f11; 9-1f11; 10-2f13;
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 Perag. p. 61; Cl. 139 Ip. 38;
 (Caloneis; Eunotia gibba & flexuosa; -N. gibba & limosa.)----
 ' var. "b", Ralb. E. D. p. 206: -(Caloneis.)--
 SILLIMANORUM, E.-K. B. p. 100; K. S. A. p. 32; Prit. p. 933; Lew. w. M. D. p. 11-
 2f3; W. & C. Ip. 3-2f2; Wollé 11f1; 20f12; Det. S. p. 135; *Emik. 2p. 34* (Pinn.)--
 SIMA, E.-Abh. Ber. 1345p. 363; Mik. pl. 34-7f9; K. S. A. p. 37: -(Pleurosigma.)--
 SIMBIRSKIANA, Part. 2p. 53-12f215; Det. Syll. p. 33; -(N. Yanaensis, var.)--
 SIMIAEVULIUS, Brun 139 Ip. 39-16f13; -(N. Yanaensis, var.)-- (Alloroneis.)--
 SIMULANS, Donk. B. D. p. 60-9f3; O'M. I. D. p. 373-31f47; Sm. Sp. 1. No. 337:
 Wollé pl. 23f4: (Stauroneis & Amphipleura constricta.)
 SINENSIS, E.-Abh. Ber. 1347p. 435; Mik. pl. 34-7f11: -(Pleurosigma, var. *Bar*)
 SINGULARIS, A. S. Atlas 43f19, 20, 21; Wollé 20f2, 13; Det. S. p. 59:
 SINUATA, Schum. H. T. p. 77-4f50; Det. Syll. p. 133;
 SINUOSA, E.-Abh. B. 1340p. 21; K. B. p. 103; K. S. A. p. 37: (Pleurosigma.)--
 SIROKIANA, E.-Det. Tori, Syll. p. 133: (Pinnularia.)--
 SLESVICENSIS, Grun.-M. T. P. 3-2-16; Eiben, 1371; Sm. Sp. 1. 323; Cl. 133 Ip.
 5: V. H. S. pl. 7f23, 29; T. No. 39: Herib. p. 101:
 (Nav. dicephala; -N. viridula, v.)----
 SMITHII, Breb.-S. B. D. 2p. 92; Breb. D. C. p. 1. 15: Vern. p. 10; Prit. p. 393; Cl.
 1368p. 220; 1367p. 365; Nares; Vega pl. 472, 503, 511; Grun. 1330p. 531;
 1363p. 13; 1334p. 4: Herib. p. 31; Donk. B. D. p. 3-1f4; Jan. G. p. 27; Car. p.
 103; Lew. N. & R. S. p. 71; Hall: Reinhard; R. E. D. p. 173; Eiben, 1371; O'M.
 I. D. p. 332-32f13; Petit-Nirboa; Cat. p. 25; Fortm. Cey. p. 33; Alcock, Salt:
 1

2. Dampf. p. 30:

... 1719: ...

+ Solaris, Cl. Rev. 2p. 32.

5. *var. marginata*, Cl. nov. 2p. 61 - (L. exca. var. *marginata*, n. v.)
 6. *var. melonum*, Cl. nov. 2p. 61 - (L. exca. var. *melonum*, Jan.)
 7. *var. anglica*, Cl. nov. 2p. 61 - (L. *Osvaldi*, Cl.)
 8. *var. excavata*, Cl. nov. 2p. 61 - (L. *exca.*, Cl. - *Osvaldi*, Jan.)

+ *Spe. habelis*, Cl. Nav. 2p. 60: - (Nav. Rat.)
 " *indica*, Cl. Nav. 2p. 60: -
 " *varia*, a.s. - Cl. Nav. 2p. 60: - (Nav. Rat.)
 " *ellata*, Cl. Nav. 2p. 60: - (Nav. Rat.)
 " *indica*, Cl. Nav. 2p. 60: - (Nav. Rat.)
 " *madagascarensis*, Cl. Nav. 2p. 60: -
 " *controversa*, a.s. - Cl. Nav. 2p. 60: - (Nav. Rat.)
 " *abbreviata*, Cl. Nav. 2p. 60: -
 " *Roathayi*, Pt. - Cl. Nav. 2p. 60: - (Nav. Rat.)

Sphaerophora,

" *r. subcapitata*, Grun. 1882 p. 157: - (" " " ")

Atlas 7fI9; Deby Polder p.I9; V. u.S.p.9I-9fI2; 'B'f23; T.No.I04;
Tuan I335p.45-2f35,36; Brun & T.p.59; Villef.p.5I; Wollf pds.I2fII;
I4fI2; 20f3; Perag.p.59; Pant.2p.54; Del.S.p.36; Herib.p.I04;
(Diploneis s. & major & S., var. subrectangularis; -N. uidyna; -N.
elliptica & williamsoni.)----

- > var. 'b' fusca, Greg. D.C. pp. I4, 69-I fI5; Hall:
(Dipl. fusca, v. Gregorii; -N. fusca & hyperborea.)--
- var. 'g' nitescens, Greg. D.C. pp. I3, 69-I fI6; J. Q. C. I336p.322; Hall:
(Diploneis & N. nitescens.)--
- var. 'd' suborbicularis, Greg. D.C. pp. I3, 69-I fI7:
(Dipl. & Nav. sub.; -N. forcipata.)--
- v. borealis, Grun. I334p.4-I f40,4I; Del. Syll. p.37: (Dipl. b.)-
- v. laevis, Dannf. p.30-2fI5:
- v. minor, Petit Cat. p.25-3fI4; J. R. M. S. I373p.245-I4fI4; Pant. 2p.54:
Del. S. p.87: *Petit, Cap Horn*
- v. rhombica, O'M. I. D. p.334:
- v. scutellum, H. V. u. S. p.9I; Del. S. p.36: (Nav. s.)--
- v. subrotunda, O'M. I. D. p.333:

SODERLUNDII, Cl. & M. No. I54; Del. Syll. p. I93;

SODIROI, Schaarschmidt I33Ip.2I; *Leaw.* I332p.93; Del. S. p. I0: -(Pinn.)---

+ SOLARIS, Greg., T. M. S. I356p.43-5fI0; Prit. p.904; R. E. D. p. I3I; O'M. I.
D. p.4I0-34fI3; Atlas 43fI3; Wollf I7f3; Del. S. p.53; *Malaisia*:

SOLIDA, Cl. I330pp. I3, 30-I f24; *Vega* p.435; Del. Syll. p.50; *Cl. Nav. 2p.70*:

SPATHIFERA, Grove & Sturt. -Atlas I74f23; Bot. Centr. I333No. I5, I.37;
Del. S. p.7I: (*Pinn. lobata*: - (N. lobata.)----

SPATHULA, Brun I39Ip.40-I5fI0: (Caloneis)

SPARSIPUNCTATA, Gro. & St. -J. Q. C. I336p.323-I3fI; Notar. I337p.343;
Del. S. p. I29; *Cl. Nav. 2p.50*:

SPECTABILIS, Greg. D.C. pp. 9, 63-I fI0; Prit. p.393; Donk. B. D. p. I2-2f5;
Carr. p. I07; Breb. Verm. p. I0; Grun. I330p.533-I fII; R. E. D. p. I73; C. I333,
p.226; *Vega* p.472; O'M. I. D. p.390; Lagr. I376p.40; Atlas 3f20, 2I; *2p.70*
Fortm. Cey. p.34; Brun & T. p.73; Perag. p.59; Wollf I3f3; Del. S. p.93: +
(Diploneis (& Nav.) gemmata, v. spec.: -N. Granowii: *Nav. H.* ...)

> var., A. S. Atlas 2f29, 3I: 3f2, 9:

v. suborbicularis, O'M. I. D. p.39I-32f36; Cl. *Vega* p.5II:

SPECTATISSIMA, Grev. -T. M. S. I336p.34-9f29; Fortm. Cey. p.58: -(Diploneis)

SPENCERII, Quekett Mic. pl.9; A. S. S. I359p.63; R. E. D. S. I350p.33;
(Pleurosigma S.)---

SPHAEROPHORA, E. -Amer. pl.3-4f3; K. B. p.95-4fI7; K. S. A. p.75; K. Al. p.34;
R. S. D. p.40-3f35; R. E. D. p. I9I; S. B. D. I. 52-I7fI43; Prit. p.399; Grun.
I330p.540-2f34; Donk. B. D. p.34-5fI0; Ent. Sp. T. No. 63; Hall: Cl. I333p.
227; I33Ip.9; Carr. p. I04; Eiben, I37I; Mylander, n.: Prollins p.33;
O'M. I. D. p.330-3I fII; *Macdonald* p. I0f246; Atlas 49f49-5I; Sm. Sp. I.
324; Brun Alp. p.37-7fI6; *Socotra*; Petit liste p. I9; M. T. P. 3-3-13;
Dannf. p.29; V. u. S. p. I0I-I2f2, 3; T. No. I24; Belloe, Luchon; Perag. p.30;
Belogne; Hoff. Marburg; Spamer, Duren: Del. S. p. I40:

> (*Anomoeoneis*; -N. biceps, p. p.: -N. cuspidata, v. ambigua.)--

> SPHAEROPTERA, E. -Mik. p.370; Del. Syll. p. I39:

SPICULA, Hickie. -Cl. Nav. p. IIO: (Stauroneis hyalina & s.)

SPINA, J. J. Woodward. -Photo, from U. S. Army Museum:

STELLA Cl. Tranc. 2 p. 31: - 150 p. e. V. directa Kp. saty.
7 " V. asymmetrica, Cl. Tranc. 2 p. 31:

7 Stercus-muscarum, Cl. Tranc. 2 p. 55-1 f. 27:

Strophomena, Cl. Tranc. 142 f. 71 - (Pinn.) -

- SPIRALIS, O'M.-M.J. 1372p.233-13f3; 1375p.101: Del.Syll.p.74;
(N.gemmata ?)
- SPLENDIDA, E.-Beitr. 1332p.31: Inf.p.133-141f: -(N. ...)
- SPLENDIDA, Greg.-T.M.S. 1353p.44-50f4; Prit. 1.390; Carr. 1.105; R.E.D.
p.204; Schm.N.D. 1.107-1f3, 4; 2f2; Atlas 1313f-35; Pet. Cat. 1.20; Atlas
1313f, 34; Fortm. Cey. p.34; O'M. I.D. 1.402-33f20; Voy. Pona. 1.19; Ann
& T. p.73; Cl. 1373p.3; 1373p.15; V. 1.471, 500; Wille 13114; Del.
S.p.80; Malaisie: *Vallas 12f21, 24*; Fortm. Cey. p.34 (N.entomon.)---
var., V.H.S.p.90-9f4; Wille pl.12f5;
v.diplosticta, Grun.-Atlas 69f22;
v.incurvata, Rabh.E.D.p.204; Del.S.p.31: (N.inc.)---
v.stauroneiformis, Lew.W.M.D.p. -2f9; Del.S.p.31: (N.Braunii.)
STAUNTONII, Wille pl.25f13-15: (Alloioneis.)--
- STAUROGERA, B.W.T.-Lake Michigan; Wille 25f10; Del.Syll.p.190:
- STAURONEIFORMIS, A.S.Atlas 43f21; Malaisie:
- STAUROPTERA, Grun. 1330p.513; Schm. 1.7.p.73; M.J. 1359p.295-13f9; Pet.
& Leud.; Amazon: O'M. I.D. 1.350-30f23; ~~Atlas 41f30-41~~; V. 1.1.77-31
7; Malaisie; Grun. 1334p.43-1f13; Del.S.p.25:
(Pinn.s. & divergens; -Stauroneis (Stauronotera) parva: Pinn. gila ...)
var. 'a' gracilis, Grun. 1330p.513-2f13; Pet. & Leud. 1.14-1f4;
Herib. p.92: *(Pinn. gibba, v. ... Atlas 44f31 4f)*
var. 'g' parva, Grun. 1330p.513-2f19; Schm. 1.7.p.73-4f52;
1339p.33; V.H.S.p.73; Del.S.p.25;
- STELLIGERA, E.-K.S.A.p.70; Prit. 1.901; Del.S.p.145: (Pinn.)
- STODDERI, Greenleaf.-Cleve Nav.p.110: (Stauroneis.)
- v.insignis, Grun.-Cl.Nav.p.110-3f13: (Stauroneis lineata, E.)--
- STOKESIANA, O'M. I.D. 1.339-32f34; M.J. 1374p.313; 1375p.235;
Del.Syll.p.178:
- STOMATOPORA, Grun.-Atlas 44f27-29; V.H. Type No.212 sub; Vinnora;
Cl. 1331p.4; Del.S.p.31; Herib. p.95:
- STRANGULATA, Grev.-T.M.S. 1353p.123-12f24; Fortm. Cey. p.34;
Cl. 1373p.7: (Dictyoneis marginata.)--
- STRIATA, E.-Del.Syll.p.133: (Pinn.)---
- STRIATULA, E.-Inf.p.137-2f15; Mik. pls. 10-2f10; 12f27;
A.J.S. 1342p.93-2f21; Mon. Bee. 1890p.52: (Novilia; -Sarrilella.)----
- ST. THOMAE, Cl. 1373p.6-1f4; J.M. 1373p.510-44f4; Del.S.p.35; *Cl. Nav. p.36*
- STUXBERGII, Cl. 1330p.13, 23-1f15; V. 1.433; Grun. 1334p.51;
Del.S.p.111: *(Pinn. quadrata.)*
- v.amphiploctis, Grun., 1334p.52; Del.Syll.p.111: *(Pinn. ...)*
- v.leptostauron, Grun. 1334p.51-1f32; V. 1.433; Del.S.p.111: *(Pinn. ...)*
- v.subcontinua, Grun. 1334p.51-1f33; V. 1.433; Del.S.p.111: *(Pinn. ...)*
- STYLIFORMIS, E.-Ralfs, in Prit. p.907: -(Pinn.)-
- STYLUS, E.-Abh. Ber. 1342p.337; Mik. 1.104-15A, 633; Prit. 1.907;
Carr. p.103; R.E.D. p.225; Del.S.p.130:
- STYRIACA, Grun.-V.H.S. pl. 17f7, 3; Del.Syll.p.193; Pant. 3f. -12f194;
6f102; 20f293; *V. ...* (Fristulia; -Var. ...)
- SUAVIS, Cl. & Gro.-Cl.Nav. 1.155-3f31, 32;
- SUBACUTA, E.-Ralfs, Prit. p.903; Atlas 43f30-33; Del.Syll.p.191;
Herib. p.35: *Pet. ... 30-33* (Pinn.)---
- var., *A.S. Atlas 43f29, 30*:

> subdita, // s. - Atlas 2/2 f 30:

2. isolata is.
" brevistriata G. 1832 p. 143-20 f. 17. - (P. n. subn. c. br.)

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- SUBALATA, Grun.-Cl. I380p.38; Del.Syll.p.21; Cl.Nav.p.35-1f32;
 SUBAMPLIATA, Grun.-Del.S.p.130:-(N.furcata,v.)
 SUBCAPITATA, Greg.-Rafles,Prit.1.902: O'M.I.D.1.355-35145; Amazon:
 Danf.p.25; Atlas 44f55,55,56; V.V.1.S.1.73; Cl.I350p.1.5,3: Del.Syll.
 p.23; Herib.1.94: Atlas 45f55 (N.ilisensis;-Pinn.)-
 v.paucistriata, Grun.-V.A.S.1.79-3f25; Del.S.1.23; Valais;
 Herib.p.94;-(Pinn.emb.,var.pau.)
 v.stansiformis, I.V.1.S.1.1.3f22; Herib.p.94;
 SUBCINCTA, A.S.Atlas I3f39-41; Schr.N.D.p.1-217; A.S.1375p.414;
 O'M.I.D.1.393-33f22; Grun.I334p.4-1f33,39; Vega 1.471; Villet.1.52;
 Brun & T.p.73; (Diploneis;-N.Cleveland;-Vid.N.amiculata.)
 SUBCONAERENS, Thw.-Petit liste p.20: (Colletomera.)--
 SUBDECIPIENS, Casti.-Del.Syll.p.147: (Nav.d., Casti.)---
 SUBDIVISA, Grun.-Cl.I380p.29-1f20; Vega 1.464; Nares;
 Danf.p.270; (Caloneis aculeata.)---
 SUBFUSCA, Pant.3p. 40f553:-(Diploneis fusca,var.s.)--
 SUBHAIOLATA, Grun.,V.1.S.1.105-13f14; Del.S.p.132; Cl.Nav.p.135;
 SUBIMPRESSA, Grun.-Cl.I330p.39; Vega p.470; Del.S.p.91:-(N.gelida,v.)
 v.tenuior, Cl.Vega p.470-37f49;-(N.gelida,v.)
 SUBINFLATA, Grun.-Cl.Vega 1.470-37f50; Nares; Del.S.1.131;
 Cl.Nav.p.141: Oestrup 18570 (Caloneis silicula,v.)---
 v.elliptica, Cl.Nav.p.141;
 SUBLINEARIS, Donk.B.D.p.35-5f11b; O'M.I.D.1.414; Cl.I331p.5:
 V.1.S.1.73-3f25,26; Del.S.p.21: (N.tenilis,v.?)--
 SUBLYRATA, Grun.-Cl.Vega p.495-35f17; Del.S.1.73: (N.ilisensis,v.)
 SUBNUDA, A.S.Atlas 12f44: Del.S.1.35: (Diploneis)
 v.densistriata, A.S.Atlas 39f45; Wille, 12f2; -(Diploneis s.,var.)--
 SUBORBICULARIS, Greg.-Prit.p.395; Donk.B.D.1.9-119; Canf.1.100: Grun.
 I333p.100: Schm.N.D.1.7-1f21; Atlas 3f3-5; 5f10,el,Baltic; O'M.I.D.1.
 393-33f15; Lagr.1373p.39; Fortr.Cey.1.33; Cl.I373p.15; 1373p.4;
 Vega pp.471,493; Pant.21.54; (Diploneis;-N.Smithii,v.;-N.& Pinn.forficula.)---
 var., A.S.Atlas 3f1,2,6:
 v.forficula, O'M.I.D.1.397-33f13:-(Nav.f.)-
 v.Nankootensis, Grun.I333p.100-12,f15; Graxilla Vol.1.1.79-5f13:
 (Dipl.campylouiscus.)--
 v.parva, O'M.I.D.1.397:
 SUBPOLARIS, Cl.-Del.Syll.p.107: (N.kryophilata,Cl.)---
 SUBRETUSA, Grun.-Atlas 43f45,46; V.1.1.No.74:-(N.retrusa,v.)-
 SUBRECTA, Bren.-Consp.1.22: (N.scalpina,v.)--
 SUBRHOMBOIDEA, Casti.I337p.30-20f4; Del.S.1.135:-(N.ilisensis,v.)
 SUBROTUNDA, Schm.I337p.53-21f54; Del.Syll.1.133:
 v.subquadrata, Schm.I337p.53-21f56:
 SUBSALINA, Donk.B.D.1.24-4f2; O'M.I.D.1.355; Cl.I373p.13; Vega 1.
 465; Lagr.1370p.43; Danf.1.23-2f14:
 (Caloneis amphibia,v.;sub.:N.amph.,var.'b'.;-N.amiculata.)
 SUBSOLARIS, Grun.I332p.143: Del.Syll.p.136:
 SUBTILIS, Breb.-K.S.A.p.37:-(Pleurosigma.)---

+ subtilissima, cl. 1895 p. 14:

7 Surinamensis, cl. var. (2) p. 9-2 f. 11

dissecta,
A. J. Atlas 11 f. 25-27:

SUBTILIS, Grac.-Prit.p.904: R.E.D.p.176: Schm.N.D.p.2-3f5, 6; Willef. 1, Baltic; Sm.Sp.1.No.325; Villof.1.13; Grac. & T.1.73; (N.lanceolata; -Pinn.)---

* var., Parag.Villef.p.46:

+ SUBTILISSIMA, Cleve 1391p.37-2f15; Nav.p.141:-(Stauroneis linearis.)--

SUBULA, K.B.p.91-30f19; K.S.A.p.39; Grac.1360p.543; Prit.p.904; R.E.D.p.175; O'M.I.D.p.371-3f140; Lagr.1376p.44; Det.Syll.p.169:

(N.fusoides, p.1.)-

* var., Grac.1360p.543-1f24; R.E.D.p.175;

SUBULATA, Grac.-Cl.1330p.33; Atlas pl.43f39;

SUBUNDULATA, Grac.-Det.S.p.159:

(Caloneis silicula, v.; -N.firma, v.)

SUBVENTRICOSA, Grac.-Cl.1330p.29-1f19; Vega p.464; Det.S.p.150;

SUCCINCTA, A.S.Atlas 39f32; Det.S.p.76: (Vulg. N.sibirica.)-

SUDETICA, Hilse.-Det.Syll.p.137: (Pinn.)---

* v.Brittanica, Grac.-V.H.Type No.66:

SULCICA, E.-Inf.p.139-2f13; Mik.pl.13-1f12; K.B.p.93-2f13; K.S.A. 1.77; Grac.1360p.513; Prit.p.903: (N.pachyptera; -Pinn.)----

SULCATA, Grac.-Trans.Bot.Soc.Bainb.1353p.203-2f10; Grac.1360p.513-3f30; Det.S.p.150; Cl.Nav.p.110: (Cymatoneis; -Stauroneis.)--

SULCENSIS, O'M.-M.O.1372p.235-1f2; Grac.1372p.175; Det.Syll.p.150:

SUMATRENSIS, A.S.Atlas 43f13; Malaisia:

SUPERA, Cleve, Vega p.463-35f25; Grac.1360p.513: (N.elliptica, v.)--

* v.elliptica, Cl.Vega p.469-33f24; Cl.Nav.2p.2

SUPERCADATA, Grac.1360p.40-15f13: (Caloneis, v.)-

SUPERIMPOSITA, A.Schm.N.D.p.90-2f34; Atlas 46f61; Grac. & T.1.73;

> Villef.p.53-3f29; Det.S.p.177: Cl.Nav.2p.34:

SURIRELLA, E.-Abh.Ber.1331p.177: (N.viridis.)---

SUSPECTA, A.S.Atlas 11f12, 13; Fortm.Cey.1.33; Willef. 12f26;

> Det.Syll.p.73: (Diploneis crassa, v.suspecta.)-

SZABOI, Pantoc.2p.54-6f120; Det.Syll.p.113; Cl.Nav.p.131;

SZONTAGHII, Pant.1p.29-3f25; 23f234; 2, p.54; Det.S.p.15:

(Diploneis.)--

TABELLARIA, (E.)-K.B.p.93-23f79, 80; 30f20; K.S.A.p.30; E.Mik.p.204;

Prit.p.893-12f21; Grac.1360p.513: 1357, 10: 1353p.17: Grac. & T.1.73-12f4; Nylander, w.: O'M.I.D.p.346-30f12; Amazon: Lagr.1373p.25; Atlas

43f4, 13; V.A.S.1.73; Bellef. 1, Lichor: Grac. & T.1.73; O.M.S.1353p.244:

Willef. pls.10f23; 2f15; 11f1; Det.S.p.26; Herib.p.93;

(N.(= Pinn.)acrosphaeria & leptogonyla; -Pinn.gibba, var., & v. linearis.)

* v.acrosphaeria, O'M.I.D.p.346: (Nav. a.)--

* v.macilenta, Willef. pl.20f12, 17: (N.mac.)--

* v.stauroneiformis, V.A.S.1.73; Grac.1360p.513:

TABIDA, Rylands, Wes.: (Nav. tabida, v.)----

TAEINIATA, (E.)-Ralfs, Prit.p.900-13f16: (Pinn.)--

TAHITIENSIS, Grac.1363p.152-14f15; 1363p.19: R.E.D.p.227;

Det.Syll.p.132: (Caloneis.)---

TASCHENBERGERI, A.S.Atlas 174f3, 9;

(Diploneis gemmata, v.lacrimans; -Dipl.silicula.)-

• • •

+ TROCHUS, - (*Anomoeoneis* ~~trochus~~)

7. > Trojana, Gen. - in Cl. Am. #275; - (*P. Rangiana*)

TREVELYANA, (E.) - CORK. M.O. 1351p. 3-1f2; 3130. D.C. 1. : 1st 1. 1. 30;
CORK. R.C. p. 66-10f3; O'M.I. 2. 1. 344-30f9; L. 1. 1. 72. 31; V. d. S. 1. 74-
"A" f5, 6; T. No. 72: Malaisie; Det. S. 1. 1. 10: (Pinn. 1.) -
v. *himpatica*, Part. 3p. -42f575: (Pinn. 1.) -
TRIGRAMMA, Fresenius Senk. Vol. 4p. 64-4f1-9: Det. S. p. 102: (Pinn. 1.) -
TRIGIBBULA, Schum. 1367p. 53-2f32; 1369p. 33-2f15; Det. S. 1. 1. 150;
TRIGONOCEPHALA, (E.) - Ralfs, Prit. p. 909; Cl. Vega 1. 453-30f29;
Det. S. 1. 1. 191: (Pinn. 1.) -
TRILINEATA, Grove & St. - J. Q. C. 1387p. 132-10f3; Notat. 1387p. 354;
Det. S. p. 67: Cl. Nav. p. 74;
TRINODIS, E. - Inf. p. 179; Mik. 1. 1. 16-1f22; 17-20f22;
(Tabellaria flocculosa.)
TRINODIS, S. B. D. 2p. 94; Grun. 1350p. 531-2f3; Prit. 1. 394; Carr. 1. 100;
Lew. N. & R. S. p. 65-2f3; Gallia, Papan; V. d. S. pl. 14f31a; Lake Michigan;
Cl. 1391p. 35; Woll. 13f12; Det. 1. 1. 114;
(Achnanthidium: -Caloneis Schum., v.: -N. laevissima, v., & contenta; -
Rhoconeis: *Dichmanthes*:-
TRINOTATA, Pant. 3p. 1. -9f152; Cl. Nav. p. 137;
TRIUNDULATA, Grun. - Hedw. Vol. I, p. 27; M. O. 1377p. 173-195f10; Cl. 1373p. 1.
5: Det. S. p. 92: (Cymatoneis sulcata.) ---
TROCHUS, E. - Inf. p. 179-2f3; Mik. 1. 1. 16-1f13; K. B. p. 99-3f59; K. S. A. p. 81;
M. O. 1354p. 100-4f131; 1356p. 1f2: S. B. D. 2p. 102; Prit. p. 399: R. E. D. p. 190;
Schum. 1362p. 139-9f52; N. & R. S. p. 67: O'M. I. D. p. 369-3f134;
Grun. 1373p. 15-3f3; J. R. M. S. 1379p. 679; Lake Michigan; Det. S. p. 152;
(Caloneis & N. Schumanniana; -N. biconstricta, var., & levensis:) ---
v. biconstricta, Grun. - Det. Syll. p. 152: -(N. bouosensis & bicon.) ---
TROGLODYTES, Pant. 2p. 54-1f134; Det. S. p. 165: (N. protracta.)
TRUANI, Pant. 1p. 29-2f19; Det. S. p. 97;
TRUNCATA, E. - K. B. p. 96-3f34; 5f4; K. S. A. p. 77: R. S. D. p. 39-3f37; Breb. D. C. 1. 2: M. O. 1361p. 9-1f4; N. & R. S. 1. 37; Prit. p. 907: Sm. Sp. 1. No. 326;
O'M. I. D. p. 363-3f131; Woll. 23f15, 16; Spaner, Daren; (N. limosa, v.; -N. cancellata & Donkinii; -Pinn.) ---
TRUNCULUS, Schum. 1367p. 57-2f42; Det. S. p. 164;
TSCHUKTSCHORUM, Cl. Vega 1. 472-37f43; Det. S. 1. 93; -
TUMENS, S. B. D. 1p. 52-17f150; Grun. 1350p. 541; Prit. 1. 900; Carr. 1. 100;
N. & R. S. p. 71; R. E. D. p. 192; Woll. 13f1; Eiben, 1371; O'M. I. 2. 1. 345-31f7;
Deby Polier p. 20; B. S. B. 1373p. 32;
(N. Bohemica, constricta, rostrata & scilpita: *Polier*:-
TUMESCENS, Grun. - Atlas 49f10; Woll. 13f3; Det. Syll. 1. 127;
(Neidium; -Nav. firma.) ---
TUMIDA, Breb. - K. S. A. p. 77: Prit. 1. 910-7f55; S. B. D. 1p. 32-17f146; Woll. New Zealand;
Grun. 1350p. 537-2f43a; Breb. D. C. 1. : Schum. 1362p. 133-3f51; Carr. p. 104; Hall: Cl. 1353p. 226; Nav. 1. 155: Monony 1370p. 1. 2f7;
Sm. Sp. 1. 327; O'M. I. 2. 1. 332; Grun. Alp. 1. 74-7f14; Winford; (N. amplica, Jenneri & pusilla; -N. laevissima, v.; -Scoliopterna t. & Schum.)
v. Adriatica, Grun. - Cl. Nav. p. 155: -(Scoliopterna A.) ---
v. lanceolata, Grun. 1360p. 537-2f44: (*S. pusilla*, var. *vide M. G. Schum.*:-
v. linearis, O'M. I. 2. 1. 332-32f15;
v. subsalsa, Grun. 1350p. 537-2f43b, c; Schum. 1362p. 133-1f14;
(Nav. placetula, v.)

Arctostaphylos 17:

- + *Arctostaphylos*, Oestrup 1897 p. 319:
7 " var. *capensis*, Cl. har. p. 25: Oestrup 1897 p. 319:
7 " " *groenlandica*, Oestrup 1897 p. 320-2 f 1:

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TUMIDULA, Rabh.S.D.p.4I-5f9; Prit.p.395; R.E.D.p.133:

TURGIDA, E.-Abh.Ber.1330p.64; Mik.pl.13-2f2I;

(Cystopleura; -Epithemia; -Eunotia.)

TURGIDULA, Pant.3p.7. -32f432: CC. Nav. 2p.63

TUSCULA, E.-Abh.Ber.1340p.2I; Mik.pl.3-1f13; K.B.p.93; K.S.A.p.77:

+ Grun.1350p.540; V.H.S.p.95-10f14; T.No.III: Lake Michigan; Wille pl.

22f10; Cl.1391p.34; Det.Syll.p.113; Det.p.103: (Pinnularia; -Stauroneis punctata & L.)

' v. *grata*, Grun.1352p.144-30f18:

ULMA, (Nitzsch): E.Beitr.1331p.64: (Baillaria & Syndura.)--

ULVACEA, Berk.-Cl.Nav.p.129: (Dickisia.)-

UMBONATA, E.-Abh.Ber.1336p.36; Inf.p.177-13f5; Weigmann Archiv.,

1336p.244: (Nitzschia & Syndura thermalis.)----

UNCINATA, E.-Beitr.1330p.64: (Epithemia gibba.)--

UNDOSA, E.-Amer.pl.2-2f10; Mik.pl.39-3f90; Abh.Ber.1371p.1a', f;

1'e'f5; K.B.p.101-25f33; K.S.A.p.34; R.S.D.p.4I-3f53; Prit.p.397;

Dunk.B.D.p.37-6f1; O'M.I.D.p.339-31f52; Amazon: Wille 23f15; Det.

Syll.p.171: (N. cosmaria & quinquecostis

UNDULA, Schum.1362p.138-9f37: (Pinn. dicephala.)---

UNDULATA, E., Inf.p.137-2f16--Denticula:-----Raifs in Prit.p.393;

R.E.D.p.203: V.H.T.No.140: Kinnord; (Pinn. mesotyla.)----

UNDULATA, O'M.I.D.p.343-30f7; M.J.1375p.416; Det.S.p.14; (Pinn.)

' v. *subundulata*, Grun.-V. 1. Type No.140 sub: (Pinn. dicephala)

UNIPUNCTATA, O'M.-M.J.1372p.236-13f4; Heaw.1372p.154; Det.S.p.73:

UPSALIENSIS, Grun.-Cl.1330p.33: Cl. & M.No.242: (N. menisculus, v.)----

UTRICULUS, E.-K.B.p.93; K.S.A.p.73; Prit.p.909; Det.S.p.133:-(File.)---

VACILLANS, A.S. Atlas 3f6I; Fortm. Cay. p.34; V.H.S.p.90-9f9; Wille,

12f10; 19f22; Det.S.p.76: (Diploneis; -N. Pfitzeriana.)---

' vars., A.S. Atlas 3f42, 43, 52, 53;

' v. *renitens*, A.S. Atlas 3f55:-(Diploneis V., var. ren.)--

VAGABUNDA, Brun.-Atlas 174f5; (Dipl. ocellata.)----

VALIANA, Grun.-A. Schm. N.D.p. -202I; Det.Syll.p.137: Cl. 1330p.33

+ VALICA, Grun. & Cl.-Cl.1330p.32-2f29; Vega p.436; Det.S.p.36:

' v. *minuta*, Cleve, Vega p.436:

VANA, A.S. Atlas 69f36; 10-2f27, 28:

VARIANS, Greg.-T.V.S.1355p.13-2f20; Prit.p.910; Lake Michigan;

(N. cymbala, castrum, humilis, ventralis, Reinhardtii.)

VARIOLATA, Cl.-LeD. Vol.2p.76-12f7; Atlas 174f36:

VASZARYI, Pant.3p. -16f239: (Achnanthes.)--

VEGAE, Cl. Vega p.474; Det.S.p.173:-(N. & Planosira Kjellmanni.)-

' v. *subconstricta*, Grun.-Cl. Vega p.474; Det.Syll.p.173;

(Nav. Kjellmanni, var. s.)

VELATA, A.S. Atlas 43f33, 34; Malaisia; Det.S.p.135; (Stauroneis)

VELOX, K.B.p.91-3f36; K.S.A.p.69; R.S.D.p.33-5f12; Prit.p.904;

R.E.D.p.174; Spamer, Duren; Wille 23f2I:

VENETA, K.B.p.95-30f76; K.S.A.p.75; R.S.D.p.39-3f33; Prit.p.901; Dunk.

B.D.p.43-3f13; Schum.1337p.55-2f100; Girard Moss. p.9-10f1, 3; Det.

137I; O'M.I.D.p.372-31f45; Sm. Sp. 7.323; V.H.S. pls. 3f3, 4; 14f34;

Wille 23f7:-(N. cryptocephala, var. v.: -N. perminuta, pumila, & rhombulus.)

Var. intermedia, Cl. Har. 2p. 56;

Var. (1), (P. Streptoraphe, var.;) Petit, Cap. Horn.
At 42 f 11-14, 19-21: 45 f 9-115

viridis, K. -

" var. *commutata*, forma *longior*, S. F. Schum. - J. L. S. 1884 p. 244:

" *isostauron*, Gn. - (see *N. icostauron*.)

viridis, K. -

" *v. abbreviata*, Gn. - Cl. Nav. (2) p. 15:

" *T. l. l. l.*, K. - Cl. Nav. (2) p. 15: - (Nav. r.; N. rhynch. -)

Oestrup 1897 p. 319:

" forma *varia*, Atlas 47 f 53, 54:

viridis, K.

" *longior*, Cl. Nav. 2 p. 16: Atlas 47 f 55, 56:

" *isostauron*, Gn. - forma *longior* - 14:

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* v. *commitata*, Grun.-V. i. S. p. 73-5f6; T. No. 57; J. L. S. 1334p. 244;

+ Amazon: Truan 1335p. 36-1f23; Del. Syll. p. II: Herib. p. 34: *Dammf. p. 23*

> (Nav. hemiptera & c.)---

> v. *fossilis*, Pant. 3p. -12f193; -(*P. clauseniana*)

* v. *hemiptera*, Brun.-LeD. Vol. I, p. 20;

* v. *Patagonica*, Lagr. 1373p. 2f; Cl. 1331p. 12-16f3; Del. S. p. 12;

* v. *semiciliata*, Grun. 1332p. : Del. S. p. 12;

* v. *staurofora*, Pant. 3p. -6f93; -(*Pinn. divergens, v. elliptica*).

* v. *sublinearis*, Grun. 1334p. 44-1f22; Del. S. p. II: -(*Pinn. divergens, v. elliptica*).

* v. *styliformis*, Del. Syll. p. II: -(*Pinn. s.*)

VIRICULA, E., Inf. p. 133-131f7; 21f14; M. K. p. 9-11f3; 10-2f15; 11f27;

A. J. S. 1341p. 97: (Frustulia, N., & Nitzschia viridis, K.)--

VIRICULA, K. B. p. 91-4f10, 15; 30f47; K. S. A. p. 69; R. E. D. p. 33; 20f131;

Pitt. p. 905; Neuhäuser p. 190-1f27; Cl. 1337p. 35: 1338p. 225; Cl. & M. No.

251; Nares; 1330p. 33-2f35; 1391p. 31; R. E. D. p. 211, f32; Schum. i. f. p.

68; Eiben, 1371; O'M. I. D. p. 490-34f14; Pet. liste p.

20; Lagr. 1373p. 25; 1376p. 35; Brun Alp. p. 30-3f7; Sm. Sp. T. No. 330; Lake

Michigan; Dammf. p. 26; V. i. S. p. 64-7f25, 26; Vinnova; Holmann, Marburg;

Perag. p. 53; Del. S. p. 43; Herib. p. 101: (Cl. Nav. (2) p. 187

(Frust.; -N. gracilis, lanceolata, oblonga, rostellata; -Pinn.)----

> vars., Cl. & M. Nos. 252, 253; 4f27; T. No. 53; -(*A. guineensis*)

> v. *avenacea*, Breb.-V. i. S. p. 34; Del. S. p. 43;

* var. "b" *Silesiaca*, Bleisch.-R. E. D. p. 214; Cl. 1330p. 34;

Del. S. p. 44: (N. & Pinn. S.)---

* v. *Ehrenbergii*, Brun Alp. p. 30-7f23; -(*Nav. lanceolata, v. cryptica* (Nav. E.)--

> v. *minor*, Woll. pl. 10120: (Frustulia, N., & Nitzschia viridis, K.)--

> v. *Slesvicensis*, Grun.-V. i. S. p. 34; T. No. 39; Del. S. p. 44: -(Nav. S.)-----

VITREA, Cleve Nav. p. III: -(Pleurosigma.)-

VITRISCALA, Brun 1391p. 41-15f5; Cl. 1337p. 34: (Aulionopsis.)--

VULGARIS, Thw.-Herib. p. 33; Pet. liste p. 20; Brun Alp. p. 30-7f15, 25;

Cl. Vega p. 474; Perag. p. 61; Herib. p. 109;

(Colletonema; -Frustulia; -Schizonema.)--

* v. *lacustris*, Brun Alp. p. 30-3f20; Herib. p. 110;

VUKOTINOVICZII, Pant. Ip. 29-1f7; 2p. 54-12f220; Del. S. p. 131;

(Caloneis amphisbaena, var. V.)

VULPECULA, A. S. Atlas 2f53; Del. S. p. 33: (Diploneis calanica, v.)-

VULPINA, K. B. p. 92-3f43; K. S. A. p. 71; Pitt. p. 905; R. E. D. p. 171;

+ V. i. S. p. 33-7f13; Cl. Nares; 1331p. 5; 1391p. 31; Del. Syll. p. 11;

(Cynocella lanceolata, E.)

WANKAREMAE, Cl. Vega p. 473-37f47; Nav. p. 109: (N. K. J. O. N. 1332, v.)---

WEISSFLOGII, Grun.-Cleve Nav. p. 132: -(Frustrulia.)

WEISSFLOGII, A. Schum. 1373p. 403-5f3, 4; Atlas 12123-23, 31, 32; Walpers;

Petit Cat. p. 23; North. Cey. p. 34-9f105; Cl. 1373p. 4; Vega p. 506; V. i. S.

p. 90-A, f21; Villef. p. 53; Woll. 13f25; Del. S. p. 75: + (Diploneis)

* var., A. S. Atlas 12f30;

WEISSNERI, Pant. Ip. 29-13f153; Notar. 1333p. 473; Del. S. p. 79;

(Diploneis interrupta, v.)----

WESTERMANNI, E., Abh. 3er. 1330p. 117; 1330p. 117: -(E. 1330p. 117-1330p. 117.)

Wrightii

" var. *Om.* - *M. J.* 1867 p. 165-5 f 4 b:

> *Xi*, *Cl. Nav.* 2 p. 41:

Wrightii *Cl. Nav.* 2 p. 41:

" *Wrightii*, *Cl. Nav.* 2 p. 41:

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

" *Wrightii*, *Cl. Nav.* 2 p. 41:

(*Wrightii*)

" *Wrightii*, *Cl. Nav.* 2 p. 41:

" *Wrightii*, *Cl. Nav.* 2 p. 41: - (var. *Wrightii*) -

Wrightii

var. *longiceps* *Cl. Nav.* 2 p. 41:

WESTII, S.B.D.Ip.49-16fI35; Prit.p.910; Hall: Sm.Sp.7.No.331:

(Scoliopleura.)---- *Ant. p. 100. 101*

WILCSEKII, Grun.1334p.46-1f33; Det.Syll.p.124; *Ant. p. 100. 101*

WILLIAMSONI, O'M.I.D.p.403-33f32; V.N.S.pl.9f5;

(N.didyma, W.S., & Smithii.)---

WITTII, Grun.-N.L.K.D.p.II-3f31; Det.S.p.174; *Ant. p. 100. 101* (Caloneis.)

WRIGHTII, O'M.-M.O.1367p.II3-5f4; I.D.p.390-32f5;

(N.caribaea, clavata lyra.)--

YARASII, Grun.-Sm.Sp.T.No.332; Det.S.p.193; *Ant. p. 100. 101* (N. caribaea.)--

YARRENSIS, Grun.-Atlas 43fI-10; M.T.P.3-2-12; Cl. & M.201; Vaga p.300;

Part.Ip.38-2f20; 21.54-12f219; 131274; Malaisia: Det.S.p.15; (Yarrensii)

v.bituminosa, Part.21.55-4f74; Det.Syll.p.16;

v.gracilior, Part.2p.74-2f323; Det.S.p.16: *Cl. nov. 2 p. 69:*

v.valida, Part.2p.74-12f212; Det.Syll.p.16: *Cl. nov. 2 p. 69:*

YPSILON, Cleve Nav. p. 4f10:--

ZAMARCINIANA, Grun.1330p.525-1f12; Det.S.p.174; *Ant. p. 100. 101* (Caloneis.)

ZANZIBARICA, Grev.-T.M.S.1333p.129-12f12; Atlas 2f5, 3a; Malaisia;

Det.S.p.173; (Diploneis interrupta, v.)

v.zebuana, Casti.1337p.3f-23f3; Atlas 129f4; Det.S.p.173;

ZEBRA, E., Abh.Ber.1330p.II3; 1334p.II3; (Epithemia.)---

ZELANTERI, Part.Ip.30-14fII3; Det.S.p.131; (Dipl. contigua, v.)--

ZELLENSIS, Grun.1330p.521-1f34; Schum.1369p.35-2fII; R.E.D.p.207;

O'M.I.D.p.357-30f43; V.N.S.pl.12f14; 1.No.129; Cl.133Ip.5; Kinnora;

Det.Syll.p.34; *Ant. p. 100. 101*

ZOSTERELLII, Grun.1330p.523-2f23; A.Schm.N.D.1. -3f5; Atlas 47f42-41:

O'M.I.D.p.403-34f7; Vaga pp.453, 497; Villef.p.43; Det.S.p.43; -(Pinn.)--

v.acutiuscula, Grev.-Cl.Vaga p.453; *Ant. p. 100. 101* (Pinn.)

v. szechuanensis *Ant. p. 100. 101*

NEIDIUM.-- (*Fig. 1895*)--

AFFINE, E.-Gallik.Papan; Cl.139Ip.39; Nav.p.63;

(Navicula a.)--

v.amphyrrhynchus, E.-Cl.Nav.p.63;

(Nav. & N.amph.)--

v. forma major, Cl.Nav.p.63:

(Nav.a., p.p.-Nav.affinis, p.p., -Nav.affinis, v.amph.)---

v. forma minor, Cl.Nav.p.63: *a. cl. 1895 p. 16.*

v.genuina, Cl., Nav.p.63; *a. cl. 1895 p. 16.*

v. forma maxima, Cl.Nav.p.69:

" " media, Cl.Nav.p.69:

(Nav.aff., p.p.: -Nav.firma, v.subampliata.)----

" " minor, Cl.Nav.p.63:

(Nav.aff., & var.; -Nav.bisulcata v.turgidula.)

AMPHIGOMPHUM, E.-Cl.139Ip.33; Nav.p.69: *1895 p. 16*

(Nav.a., firma, p.p., dilatata, iridis var.amph.)

AMPHYRRHYNCHUM, Pfitzer 1371; 39-4f1; Cl.139Ip.39;

(Nav.a.)--

BISULCATUM, Lagr.-Cl.139Ip.39; Nav.p.63: -(Nav.a. & scita.)--

CITREUM, E.-Cl.Nav.p.70:

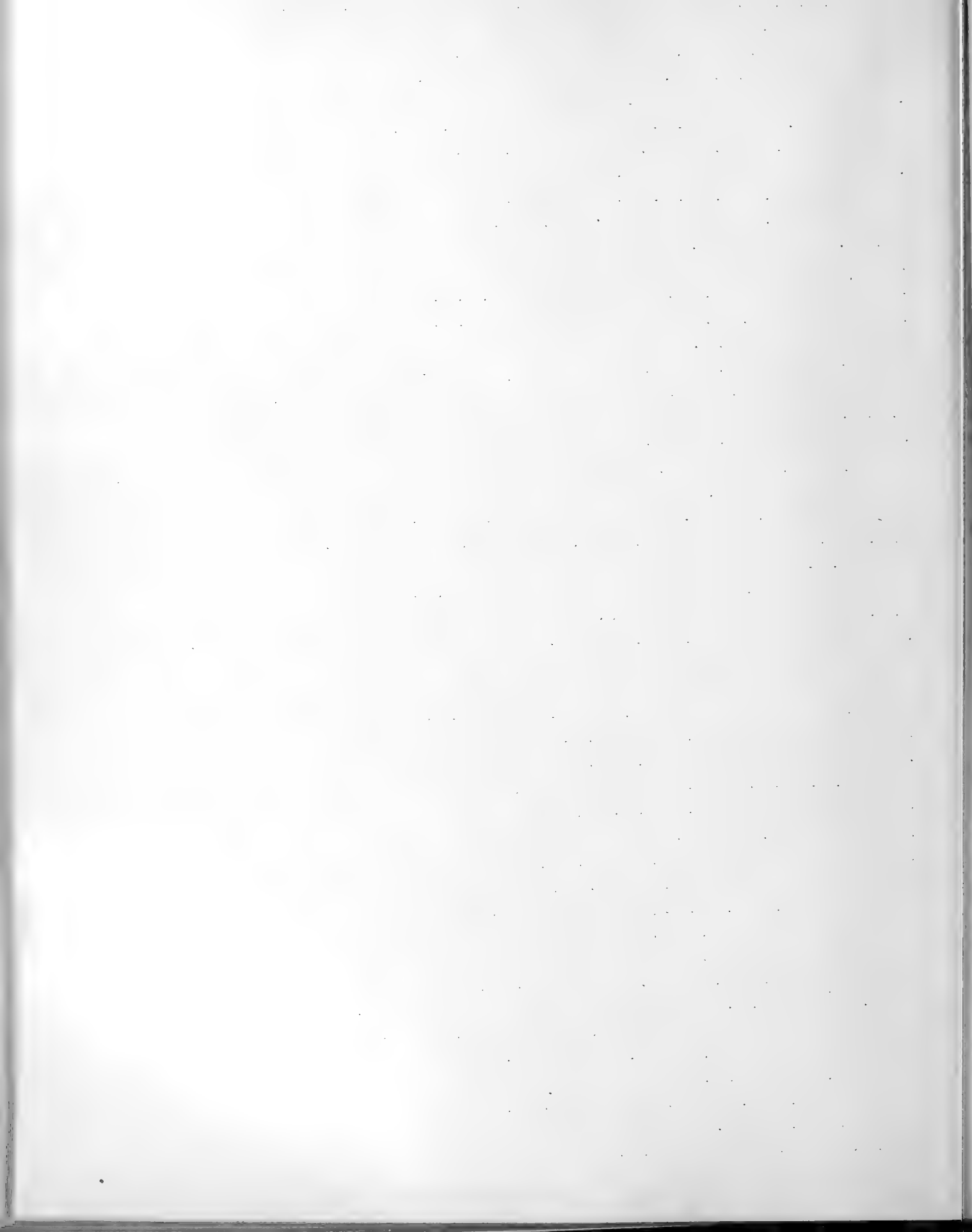
(Nav.c.)--

DILATATUM, .-Cl.139Ip.33; Nav.p.70:

(Nav.d.)--

DUBIUM, .-Cl.139Ip.33; Nav.p.70;

((Nav.d.; -Nav.iridis, var.d.; -Nav.incurva v.minuta.)---



- FIRMUM, .-Gallik,Papan; Cl.I39Ip.39; (Nav.f.)--
 HITCHCOCKII, E.—-Cl.I39Ip.39; Nav.p.69: /895p.16: (Nav.f.)--
 INCLUDENS, Pant.—-Cl.Nav.p.70: (Nav.i.)--
 IRIDIS, .-Cl.I39Ip.33; Nav.p.69: (Nav.i.; -Nav.firma v.major.) /895p.16.
 ' v.ampliata, E.—-Cl.Nav.p.69: -(Nav.affinis, p.p., & ampliata.) /895p.16-
 LIMOSUM, .-Gallik,Papan: (Nav.l.)--
 OBLIQUE-STRIATUM, A.S.—-Cl.Nav.p.69: (Nav.o-s.)
 PEISONIS, .-Gallik,Papan: (Nav.f.)--
 PRODUCTUM, W.S.—-Cl.I39Ip.39; Nav.p.69: /895p.16.
 (Nav.aff., var.; -Nav.p. & iridis, p.p.)--
 TUMESCENS, Grun.—-Cl.Nav.p.70: (Nav.f., var.tum.)---

Sp. 9, 63 pl. E, f. 1-4: NEMATOPLATA.--- (

- ARGENTEA, Bory Dictionnaire, f, 3a: (Fragilaria capucina & pectinalis.)
 BRONCHIALIS, Bory Dict. p. 63 (f. 1-4) (Fragilaria pectinalis.)
 CAPUCINA, Bory Dict.: (Fragilaria c.)
 CAUDATA, Bory Dict.; - Sp. 9, pl. 63 f. 1-4 (Grammonema striatum, v.)---
 PECTINALIS, Bory Dict.; - (Fragilaria p.)
 QUADRATA, Bory Dict.; - Sp. 9, pl. 63 f. 1-4 (Melosira varians.)-

NEODIATOMA.--- (Diatoma, 176-

- ANCEPS, Grun.—-Kunze Rev. p. 905, pl. 2: Det. S. p. 635: (Diatoma.)
 ELONGATUM, Ag.—-Kunze Rev. p. 905, pl. 2: Det. S. p. 635; "
 EXIGUUM, Grun.—-Kunze Rev. p. 905; pl. 2: Det. Syll. p. 635; "
 HYEMALE, .-Kunze Rev. p. 905, pl. 2: Det. S. p. 635: "
 OBTUSUM, Kunze Rev. p. 905, pl. 2: Det. S. p. 635: "
 RHOMBOIDES, O'M.—-Kunze Rev. p. 905, pl. 2: Det. Syll. p. 635; "
 VULGARE, Bory.—-Kunze Rev. p. 905, pl. 2: Det. Syll. p. 635: (Diatoma.)

NITZSCHIA.--- (Nitzschia, 1840-

- , Bailey, Amer. Nat. I363p. 510-I3f3, 23: N. aff. f. 1022
 ---, Tanarek I379p. 49: ---, B.S.B. I379p. I3, fI-20:
 ---, Schum. I369p. 35-2f4, 5: (Tryblionella.)
 ---, Pfitzer I37Ip. 93-3fI3, I4; ---, Led. Vol. 2, No 21 p. 172-12f7:
 ---, Jour. Roy. Mic. Soc. I393p. I-I f7, 3: ---, Bot. Soc. Russ. D. p. 129-13, f7:
~~ABUNDENS, Grun. I373p. 22: (N. sigma, v.)---~~
 ACICULARIS, S.B.D. Ip. 43-I5fI22; Rab. D. ex. No. 56: M.D. pl. I3fI3b; deib.
 p. II5; Grun. I362p. 532; Schum. H. 1. p. 30-I fI7; Cl. I363p. 233; Vega p. 43I:
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 ' v. closterioides, Grun. I362p. 532-I2fI9; Cl. I380p. IOI; I39Ip. 6I:
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 ' v. closterium, .-V. i. S. p. I35-70f5, 7, 3: (N. clost.)-
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* v.Kariana, Grun., Cl.1330p.39-5f100; Vega p.430; Del.S.p.525;
* v.occidentalis, Grun., V. i. S.pl.32f15; Cl.1330p.33; Del.S.p.525;
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* v.acuta, Cl.1330p.70; Del.S.p.500; *Oestrup 1897p.322*; (Trybl.)--
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+ " v. abbreviata, Oestrup 1897 p. 333.

- v. gigantea, Grun. I363p.574; R.E.D.p.157;
 BREBISSONI, S.B.C. Ip.33-31f236; Prit.p.73I; Carr.p.3I; Bull. R.E.D.
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 CLAUSII, Itzh.-Grun.I362p.572; ~~I378p.22~~; Heaw.Vol.2p.40-3f7; Rabh.
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 33; Shark River; Lake Michigan; Wolle 40f10-I3, I3; *Oestrup 1897 p.333*:
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 v. vers., V.H.S.pl.70f7,3: *CC. 1897 p.333*
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 COMMUNIS, Rabh. Alg. Nos. 343, 949; R.E.D.p.I59; Grun.I362p.573-I2fI6;
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 219; Cl.I380p.97; I39Ip.6I; Bellce, Lichon: Delogne; Perag.p.35; Wolle
 40f24,25; Malaisie; Det.Syll.p.542; Herio.p.I72: *CC. 1896 p.26*:
 (Syneura mucicola & notata.)-
 v. abbreviata, Grun.-V.H.S.p.I34-69f35; Cl.I380p.97; Det.S.p.543;
 v. obtusa, Grun.-V.H.S.p.I34-69f33,34; Cl.I380p.93; Det.S.p.543;
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 Villef.p.57; Herib.p.I65: *Oestrup 1897 p.331*: (Nz. dubia, "b".)
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 * v. bombiformis, Grun.-Cl. I. 380 p. 71; V.H.S. pl. 53f9; Det. S. p. 502;
 * v. genuina, Grun.-Cl. I. 380 p. 71;
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 * v. minor, Rabh. Alg. No. 1503; R.E.D. p. 153;
 * v. similis, Grun.-Cl. I. 380 p. 71; Det. Syll. p. 502;
 * v. subconstricta, Grun.-V. A. S. pl. 53f7; Cl. I. 380 p. 71; Det. S. p. 502;
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- CURSORIA, Donk.-Norman, Hull list; Cl. I. 380 p. 39; Vega p. 506; V. A. S. pl. 62f19; Wille 22f17; 43f13; Malaisie; Det. S. p. 523; (Bacillaria.) --
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 * v. closterium, E.-Det. Syll. p. 548; (Nitzschiella c.) ---
- CURVULA, E.-S.B.D. 2p. 39; Grun. I. 355 p. 9; Schum. I. 339 pl. 2f15; Hull;
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 * v. subcapitata, Htzh.-Rab. E.D. p. 156; (Nz. Clausii.) --
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 * v. Delognei, Grun.-V. A. S. p. 176-60f9; Det. S. p. 519;
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 * v. acula, V.H.S. p. 173; Det. S. p. 527;
 * v. media, Htzh.-V.H.S. p. 173-63f23; Det. Syll. p. 527;
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+ distans, Cestrup 1897 p. 331: Fortm. D. M. p. 19:

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29; Malaisie; V.H.S.pl.62f10; Villef.p.57; Del.Syll.p.524: -(N.eximia)
v.Australiensis, Grun.-Cl.1330p.37; Del.S.p.524;
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v.sigmoidea, Grun.-Cl.1330p.37; Del.S.p.524;
v.subsigmoidea, Grun.-V.H.S.pl.62f13;
v.tumescens, Grun.-Cl.1330p.37; V.H.S.pl.62f17; Del.S.p.524;
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135; *Fertile form p.19*: (Synedra constricta.)----
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Hull: (Nz.con.)----

v.minor, S.B.D.Ip.42-3f112b; Grun.1362p.563-12f24;
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EHRENBERGII, Ralfs, Prit.p.732; R.E.D.p.152: ---Synedra amphilepta:----

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ELEGANTULA, Grun.-V.H.S.pl.69f22a: (Nz.microcephala, v.)

ELONGATA, Hass.Alg.p.435-102f12:

(Hantzschia; -Nz.sigmoidea; -Sigmatella nitzschii.)

ELONGATA, Htzh.-Hedw.Vol.2p.35-3f5; Grun.1363p.97; Gallia, Papan;
V.H.S.pl.56f7, 8; Malaisie: (Hantzschia; -N.amphioxys, v.)--

ENTOMON, .-Ralfs, Prit.p.730; R.E.D.p.153; Del.S.p.553: (Synedra.)

EPITHEMIOIDES, Grun.-Rab.Alg.No.2033; Eiben, 1371; Dannf.p.37; Cl.1330,
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EPSILON, Kitton.- (Rutilaria.)---

EXIMIA, Grun.-Cl.1330p.33; Del.Syll.p.525: (N.distans, v.)-

FASCICULATA, Grun.1373p.21; V.H.S.pl.139-66f11-13; Wille 40f14-17;
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FEBIGERI, Grun.-Cl.1330p.31; J.R.M.S.1330p.393-13f15; Wille 43f1;
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v.majuscula, V.H.S.pl.62f5;

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v.stomatilata, Cl. & M.No.143; 1330p.37; Del.S.p.523:

7 fraudulenta, de Scot. p. 300, f. 11; 1897 p. 24.

Gracilis Hantzsch^{orig.} citation correct

7 Gracilis, de Scot. p. 300, f. 11; 1897 p. 24.

- MONTICOLA, Grun.-Cl. & M.No. 174; 1331p.7; 1391p.51; V.
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- FORMICA, Htzh. 1353p.21-2f3; M.T.P.1-5-2; Fortm.Cey.p.39;
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- FOSSILIS, Grun.-V.H.S.pl.33f24; Herib.p.173: (Nz.amphibia, var.)--
- FRAGILARIOIDES, Grun.-Cl. 1330p.37; Det.Syll.p.523: (Nz.zebra?)--
- FRANCONICA, Reinsch 1337p.23-1f1; Heaw.Vol.31.130; R.E.3.p.190;
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- FRIGIDA, Grun.-Cl. 1330p.94-5f101; Vega p.481; Det.S.p.531;
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- vars., V.H.S.pl.33f27: --, Herib.p.174;
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- v.Bulnheimiana, Grun.-V.H.S.pl.33f30; Herib.p.173: (Nz.Bul.)-
- v.constricta, Pant.2p.72-3f105; Det.S.p.544;
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- * v.minutula, Grun.-Cl.I330p.68; Del.S.p.497: (N.min.)--
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 (N. dissipata, var.; -N. tenuis, v.; -N. linearis, v. fusiformis.)--
 MESOLEPTA, L. W. B.-B. J. N. A. I361p. 345-2f77; Det. S. p. 554;
 MICROCEPHALA, Grun.-Cl. I330p. 96; Cl. & M. No. 139; V. H. S. p. 133-39f21; Det. Syll. p. 540; Herib. p. 172;
 v. elegantula, V. H. S. p. 133; Det. Syll. p. 540; (Nz. el.)--
 MINUTA, Bleisch, I362p. 73; R. Alg. Eur. No. 950; Grun. I362p. 573-12f2; R. E. D. p. 159; Petit, Nimrod; Liste p. 22; Gallik, Papan; V. H. S. pl. 69f23; 1.413; Cl. I330p. 96; I331p. 7; Herib. p. 172; (Nz. palea; -Synedra fusidium.)--

mitelliana, Oestrup 1897 p. 331.

obtus, Lamm p. 38.

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MINUTISSIMA, S.B.D. Ip. 41-I3f107; Mull: Rabh. Alg. Eur. No. 942; Prit. p. 730; Gran. I362p. 577; I363p. 7; Schim. A. T. p. 30-I f13; New Zealand; Mull; R. E. D. p. 159; Carr. p. 31; M. M. S. I373p. 33; I375p. 6-I09f10; Brun. Alp. p. 103-5f20; Gallia, Papan; Petit liste p. 22; Bellec, Luchon; Perag. p. 35: (N. perpusilla; -N. & Syneura dissipata.) ---

MINUTULA, Gran. -V. H. S. pls. 57f7; 59f5; -(N. frustulum, v. -N. lanceola, v.) -

MITCHELLIANA, Greenleaf. -Proc. Boston S. N. A. I365p. 107, cum iconis;

+ Cl. I380p. 30-5f97; Vega p. 479; Det. Syll. p. 514: (N. lesiensis.) --

NANA, Gran. -V. H. S. pl. 37f3; T. No. 399; (N. obtusa, v.) --

NAVICULARIS, (Breb.) -Cl. I380p. 37; Vega p. 473; V. A. S. p. 171-57f1; T. No.

371; Dannf. p. 35; (Sarirella; -Tryblionella marginata & n.)

NICOBARICA, Gran. I363p. 97-I "a", f4; Fortm. Cey. p. 40; J. R. M. S. I330p. 394-

I2f2; Cl. I380p. 74; Vega p. 507; Det. S. p. 506; (N. paradiiformis, v.)

NEOGENA, Gran. I362p. 143-29f22; Pant. 21. 73; Det. S. p. 532; -(N. signa, v. ?) -

NORMANNII, Gran. -V. H. T. No. 39 sub; Det. Syll. p. 554:

NOTABILIS, Gran. -V. H. S. pl. 31f5; Malaisie; Villef. p. 57; -(N. insignis, v. +

NOTATA, Rabh. K. Fl. p. 51; Eiben, I371: (Syneura.)

NOVAE-HOLLANDIAE, Gran. -Cl. I380p. 73; V. H. S. pl. 53f13;

Det. Syll. p. 504; *Petit, Cap Horn*: (N. acuminata, v.) ----

NYSTROMII, Gran. -Cl. & M. No. 172; (N. vivax.) -

OBESA, Castr. I367p. 37-I3f11; Notar. I339p. 339; Det. S. p. 551;

" var., Castr. I367p. 37-I3f13;

OBLONGA, L. W. B. -B. J. N. H. I361p. 344-2f70:

OBSCURA, Gran. -Cl. I380p. 33; Det. Syll. p. 493:

OBTUSA, S. B. D. Ip. 39-I3f109; Prit. p. 731: Gran. I362p. 571; Carr. p. 32; R.

Alg. Eur. No. 741; R. E. D. p. 155: Eil. Sp. T. No. 33: Lew., N. & R. S. p. 71; Sm.

Sp. T. No. 353; Cl. & M. No. 77; I380p. 91; Vega p. 502; I391p. 30; Perag. p.

34; M. T. P. I-4-I7; V. H. S. p. 130-37f1: T. No. 393; Wille, 42f7, 13; Herib.

p. 133; Det. S. p. 533; *Det. 70p. 40*: (Denticula Kützingerii & v.; -N. arcus.) ----

" v. arcuata, Rabh. E. D. p. 155: (N. arcus, p. p., & flexella.) ----

" v. brevissima, V. H. S. p. 130; T. No. 400; Det. Syll. p. 534;

(N. brev.; -N. parvula, p. p.) ---

" v. flexella, (Breb.) -Sm. Sp. T. No. 359: (N. flexella, Br)

" v. lepidula, Gran. -Cl. I380p. 92; Det. S. p. 534; *Dannf. p. 38*:

" v. maxima, Cl. I380p. 91: (N. obtusa.) ----

" v. nana, V. H. S. p. 130; T. No. 399; Det. S. p. 534: (N. nana.) -

" v. scalpelliformis, Gran. -V. H. S. p. 130-37f2; Cl. I380p. 92;

Perag. p. 34; Det. S. p. 534; Herib. p. 133: (N. sc.) ---

" v. vulgaris, Cl. I380p. 91; Det. S. p. 533:

OBTUSA-SCHWEINFURTHII, Gran. -Cl. I380p. 92: Det. S. p. 534: -(N. obtusa, v.) ---

+ OCELLATA, Cleve & M. No. 154; *Det. 1330p. 30*: M. L. K. D. p. 16-4f47; *Det. S. p. 516*;

OVALIS, Arn. -Cl. I380p. 95-5f103; Vega p. 431; V. H. S. pl. 39f56; T. No.

414; Bellec, Luchon; Perag. p. 35; Det. Syll. p. 539; Herib. p. 172; *Det. 297 p. 333*: -

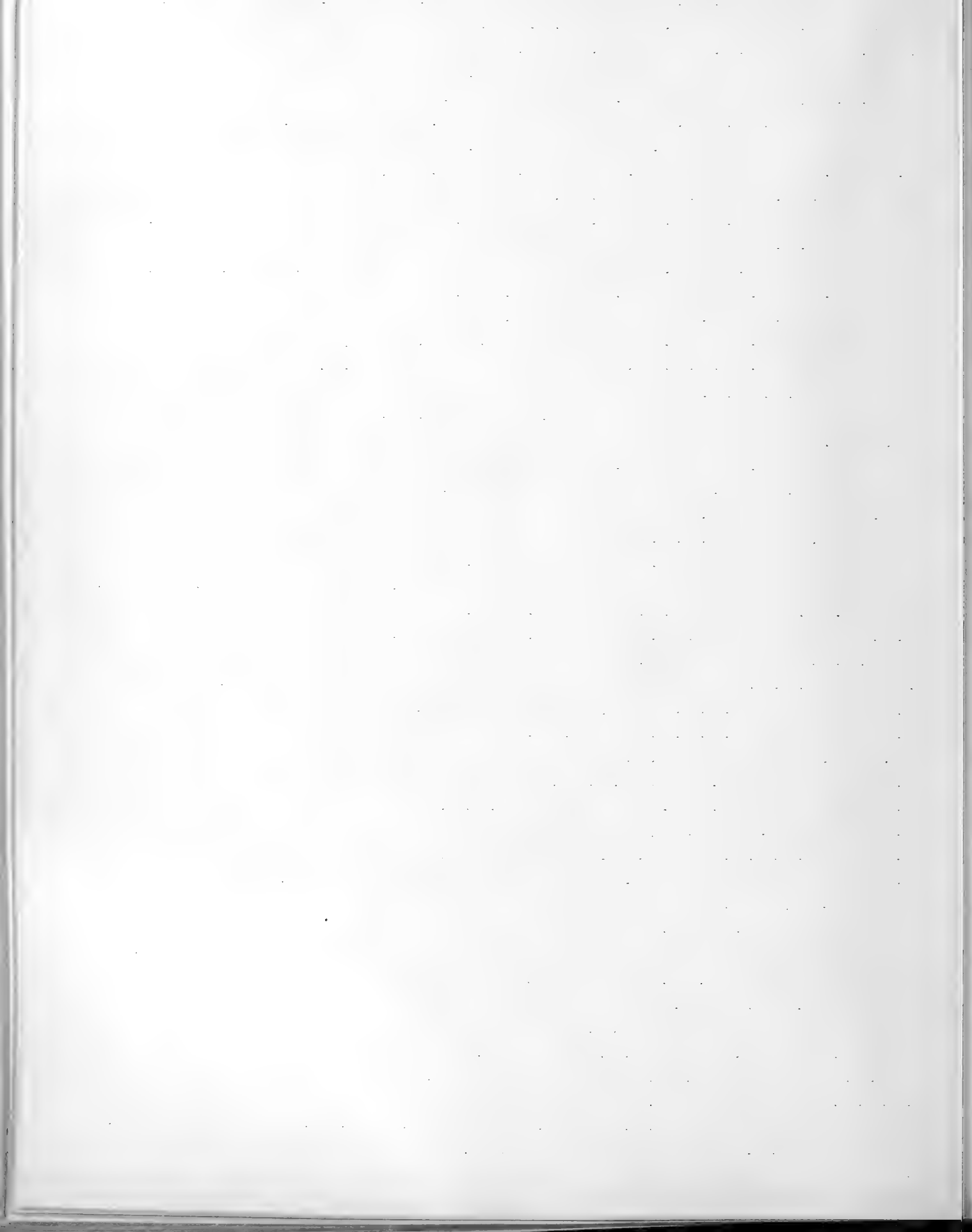
PALEA, S. B. D. 2, p. 39: Prit. p. 732; Gran. I362p. 579-I2f3; Bleisch, I363;

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69; Brun. Alp. p. 103-5f21, 22; Cl. & M. No. 124; I380p. 96; I361p. 11; I391,



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- Cl. & M. No. 124; V. H. S. p. 133-39f22b, c; T. No. 411; Sparer, Duren; Perat. p. 35; Lake Michigan; Wollé, 40f26, 27; Belloe, Luchon: Det. Syll. I. 540; Herib. p. 171: *Borsonia Russii* p. 126 11, 11/1/1900; (N. Kutzingii & minuta; -Synedra dissipata, fusidium, fusoides & p.)---
 v. curta, Cl. & M. No. 124; A. J. M. 1379 p. 101:
 v. debilis, K. - Cl. 1330 p. 96; V. H. S. p. 133-39f23, 29; T. No. 412; Det. S. p. 541: (N. debilis; -Synedra.)---
 v. dissipata, Grun. 1362 pl. 12f7; R. Alg. Eur. 943; R. E. C. I. 160: -(Syn. d.)-
 v. exilis, Heribaud p. 171:
 v. fonticola, V. H. S. p. 133; Det. S. p. 541: (N. font.)-
 v. perminuta, Grun. - Det. Syll. p. 541: (N. perm.)-
 v. Romana, Grun. - Cl. 1330 p. 97: (Nz. Rom.)-
 v. tendirostris, Grun. - V. H. S. p. 133-39f31; Lake Michigan; Det. Syll. p. 541; Herib. p. 171:
 v. tropica, Dickie & Grun. - Amazon: Cl. 1330 p. 96; Det. S. p. 541;
 forma famelica, Rabh. E. D. p. 160: (Synedra f.)---
 f. major, Rabh. E. D. p. 160: (Syn. m.)--
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 PANDURIFORMIS, Greg. B. C. p. 57-6f102; Prit. p. 730; Grun. 1362 p. 567; 1373 p. 21; Carr. p. 32; Hantzsch 1363 p. 20-2f7; Amazon; Breb. Verm. p. 9; Lew., N. & R. S. p. 36; Schum. 1367 p. 53; O'M. Kerg.; Cl. Java p. 12; 1373 p. 12; 1330 p. 71; Vega pp. 501, 506, 513; Petit Cat. p. 29; Nimrod; Lanzi, Ostia; Fortm. Cey. p. 40; Dannf. p. 33; V. H. S. p. 172-53f1-3; T. No. 377; Perat. p. 34; Villef. p. 56; Wollé, 44f3, 4, 9; Malaisie; Det. Syll. p. 501; Herib. p. 163; *Petit, Cap Horn*: (N. latestriata, v., & Nicobarica.)---
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 v. delicatula, Grun. - Cl. 1330 p. 71-5f92; Vega p. 473; Det. S. p. 502;
 v. lata, Grun. 1362 p. 567; Det. Syll. p. 501: Cl. 1880 p. 71: (Trybl. l.)-
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 v. minor, Grun. 1362 p. 567; Cl. 1330 p. 71; V. H. S. pl. 53f4; Villef. p. 56; Det. S. p. 502;
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 v. tropica, Cl. 1330 p. 36: (Bac. tr.)-
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 PARVULA, S. B. D. p. 41-13f106; Prit. p. 730; Breb. B. C. p. 6: Grun. 1362 p. 569; Hull; Carr. p. 32; New Zealand; Roper, Thames; R. E. D. p. 154; Girard Boss. p. 12-3f2; Petit liste p. 22; Lagr. 1373 p. 26; Brun Alp. p. 107-5119; Sm. Sp. T. No. 360; Rabh. Alg. Eur. No. 344; Cl. 1330 p. 79; Kinnora; Malaisie; Belloe, Luchon: Det. Syll. p. 513; *Fortm. d. m. p. 18*:

> *progenis*, Gn. *Atk.* no. 207: Cl. 1897 p. 24-2 f 23:

> " var. *Atkantica*, Cl. 1897 p. 24-2 f 24:

-, *Atk. small*, (*Epithemia*)

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- v. *curvula*, Rabh. E.D.p. 154;
- PARVULA, Lewis. - V. i. S. pl. 57f4; (N. obtusa, v., & brevissima.) ---
- PAXILLIFER, (Muller.) - Heib. p. 113; Lag. 1370. 29; Cl. Java 1. 13;
- (Bacillaria paradoxa; -Vibrio.) ---
- PECTEN, Brun Alp. p. 109-5f30; 9f27;
- (Desmogonium?; -Frag. & Syneura Crotonensis.)
- PELLUCIDA, Grun. - Cl. 1330p. 80-5f96; Det. S. p. 513: *vegap* (N. hybrida, v.) --
- PENNATA, Brun & T. p. 46-9f17; Det. S. p. 551;
- PERPUSILLA, Grun. 1332p. 575-12f7; Det. S. p. 551; Cl. & M. 130;
- Sm. Sp. 1. No. 362; Bellon, Gichon: (N. inconspicua & Lieboethrichii.) ---
- PERPUSILLA, Hilse, 1333p. 37; Rabh. Alg. Eur. No. 1164 sub; R. G. x. No.
- 59; R. E. D. p. 159; V. H. S. pl. 69f3; Cl. 1330p. 99; Det. S. p. 545;
- (N. frustulum, var., & minutissima.) -
- v. *Groenlandica*, Cl. 1331p. 7;
- v. *Javanica*, Grun. - Cl. & M. 143 sub; Det. S. p. 545; (N. Jav.) --
- PERVERSA, Grun. - Cl. & M. No. 213; 1330p. 70; M. V. J. 1330p. 395-12f6;
- Det. S. p. 500; (Vide N. inversa.) ---
- PETITIANA, Grun. - V. H. S. p. 177-62f6; Det. S. p. 523; (Nitzschia.) --
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- T. No. 373; Woll. 44f1, 2; Malaisie; Det. S. p. 503; *Fath. D. M. p. 19*
- v. *abludens*, Cl. 1330p. 34; Det. Syll. p. 503;
- v. *Zebuana*, Castr. 1337p. 67-13f10; Det. S. p. 503;
- PLICATA, Norman. - Sm. Sp. 1. No. 364; Det. S. p. 554;
- POLARIS, Grun. - Cl. & M. No. 314; Vega p. 430-33f72; Det. Syll. p. 537;
- Grun. 1334p. 34-1f52, 73; *Oestrup 1897 p. 333*; (N. recta, v.)
- PRAELONGA, Cl. - N. L. W. D. p. 16-4f43; 1330p. 65; (Bacillaria.) --
- PROTUBERANS, Brun & T. p. 47-1f9; Det. S. p. 506;
- PULCHERRIMA, Kitton & Grun. - M. J. 1374pl. 31f1-3; Cl. 1330p. 31;
- (N. antediluviana.) -
- v. ~~interrupta~~, Pant. 3p. -23f337: (*var. antediluviana*)
- PUNCTATA, L. W. B. - B. J. N. H. 1331p. 344-2f73; N. Brightwellii.) ---
- PUNCTATA, Grun. 1373p. 20; V. i. S. p. 171-5f12; T. No. 372; Dannf. p. 36;
- Cl. 1330p. 63; 1391p. 59; Woll. 44f20-22; Malaisie; Det. S. p. 493;
- (N. coarctata & diluviana; -Trybl.) -
- v. *elongata*, Grun., Cl. 1330p. 63; V. i. S. p. 171-5f10;
- Malaisie; Det. S. p. 493; *Dannf. p. 35*
- PUSILLA, Grun. 1332p. 579-12f11; R. E. D. p. 150; Gallia, Papan;
- Det. Syll. p. 547;
- QUARNERENSIS, Grun. 1332p. 530-12f5, 6; R. E. D. p. 157;
- Cl. 1373p. 20; (N. distans.) ---
- v. *sigmoidea*, Grun. 1332p. 530; R. E. D. p. 157;
- RABENHORSTII, Grun. - Cl. 1330p. 76; J. R. M. S. 1330p. 394-12f1; Det. S. p. 509;
- RECTA, Htz. - Rabh. Alg. E. No. 1233; V. i. S. pl. 57f17, 18; Cl. 1330p. 94;
- Heib. p. 169; (N. tenuis, v., & vitrea, v.; -N. polaris.) ---
- REVERSA, S. B. D. Ip. 43-15f12f; M. D. pl. 13f12; Grun. 1332p. 532;
- Heib. p. 115; Lew. N. & R. S. p. 66; Hill; Sm. Sp. 1. 391; Dannf. p. 33;
- (Ceratonopsis; -N. longissima, v.; -Nitzschella.) *Fath. D. M. p. 18*

Sigma, Jan. 5. m. p. 18. @ 18. 18. 18. 18.

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* var. major, Grun. I362p.532-I2f4;

ROMANA, (Grun.)-V.H.S.pl.39f12, I3: Det.Syll.p.542: (N.palea,v.)

ROSTRATA, Grun., Cl. I330p.101; Det.S.p.550:-(N.& Syneura elosteroidea,)

SALINARUM, Grun.-V.H.S.pls.57f13; 59f3; 67f12:

(N.tryblionella,v.;-Trybl.)--

SCABRA, Cl., Vega p.480-33f73; Det.S.p.532; *Oestrup 1897p.332*

SCALARIS, S.B.D.Ip.39-I4f115; Prit.p.73I-4f22; Bred.D.C.p. : 410.1.

II2; Grun. I362p.564; Carr.p.3I: Lew., N.& R.S.p.7I; Cl. I330p.233;

I330p.33; I39Ip.60: Alpel, Baltic: M.T.P.I-5-3,4; Sm.Sp.T.No.335;

V.H.S.pl.30f14, I5; T.No.337; Dannf.p.37; Mobile; Perag.p.65: Wolle,

43f9; Det.S.p.519: *Fortm. D.M.p.17*: (Pritchardia; -Syneura.)---

* v.gigantea, Grun. I362p.564;

* v.minor, Cl. I330p.33; Det.S.p.519:

* v.undulata, Wolle pl.34f1,2:

SCALIGERA, Grun.-J.R.M.S. I330p.395-I2f3; Cl. I330p.33;

Wolle, 43f4; Det.S.p.520:

SCALPELLIFORMIS, Cleve & M.No.293; ~~I330p.92~~: (N.obtusa,v.)--

SCHLIEPHACKIANA, Grun.-Rabh. Alg. Eur.No. I304; Heaw.Vol.5p.53;

R.E.D.p.324; Det.Syll.p.530:

SCHWEINFURTHII, Grun.-Rabh. Alg. E.No. I7I8; Heaw.Vol.3p.175;

Sm.Sp.T.336; V.H.S.pl.37f5,6:

(N.obtusa,v.)-

SCUTELLUM, W.S.-Wolle, 44f24:

(Trybl.)--

SENEGALENSIS, Grun.-Cl. I330p.99; J.R.M.S. I330p.396-I3f12;

Det.S.p.546;

SERIANIS, Rabh.-Cl. I330p.78; V.H.S.pl.59f23; T.No.333;

Det.Syll.p.511:

(Frustulia.)---

SERIATA, Cl. Vega p.473-33f75; Det.S.p.501: *Cl. / 89*

SIBIRICA, Grun.-Cl. I330p.73-5f94; Koslowski I390p.28-I f3;

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(N.dubia,var.)-

SIGMA, S.B.D.Ip.39-I3f103; Mull; Prit.p.73I-4f2I; Bred.D.C.p. : 410.

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32; Reinhard; Roper, Thames; Hull; R.E.D.p.153; Guinard p.33; Lichen,

I37I; M.T.P.I-4-I3; Petit Cat.p.29; Nimou; Lanzi, I373p.3; Ostia p.

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28; Cl. I373p.26; I33Ip.II; Vega pp.480,506; I39Ip.60; J.R.M.S. I379p.

63I; V.H.S.p.179-65f7,8; T.No.394; Dannf.p.33; Deby Polu.p.20; Wolle,

40f4,5; 43f10,II; Perag.p.65; Villef.p.57; Malaisie; Det.Syll.p.530.

(N.major, neogena, scabra; -Syneura.)--- *Oestrup 1897p.332*

* v.abludens, Grun. I373p.22; Det.Syll.p.532:

(N.ab.)---

* v.anguillula, Grun. I373p.21; Det.S.p.531;

(N.ang.)--

* v.Clausii, Grun. I373p.22:

(Nz.Cl.)--

* v.consimilis, Grun. I373p.2I; Det.S.p.53I:

(N.con.)--

* v.curvula, E.-Brun Alp.p.105; Det.Syll.p.53I:

(N.sigmatella & curvula; -N.sigmoidea, v.sigmatella.)

* v.diminuta, Grun.-V.H.S.pl.66f9; Det.Syll.p.532;

* v.elongata, Grun.-Mobile; Malaisie:

* v.fasciculata, Grun. I373p.22;

(N.fasc.)--

var. genuina, Griseb. 1891 p. 22:

Sigmatella, Furtm. Dm. p. 19:

+ Sigmaidea, Oestrup 1897 p. 332:

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- v. Habirshawii, Webiger.-V.H.S.pl.63f4; Cl.& M.No.223; Vega p.512; Villef.p.58; Det.Syll.p.532: (N.Habr.)-
- v. intercedens, Grun.I373p.22; V.H.S.p.I79-63f1; Cl.Vega p.502; Det.S.p.531: (N.int.)--
- v. latiuscula, Grun.-Det.Syll.p.532:
- v. maxima, Grun.I373p.21; Det.S.p.531: *vestrup 12776* (N.max.)-
- v. parvula, Brun Alp.p.105: (Navicula; -N.sigmatella.)
- v. rigida, K.-Grun.I373p.22; V.H.S.p.I79-63f2,5; T.No.395; Perag.p.65; Villef.p.58; Wollé,40f6; Det.S.p.531; (Amphipleura r. & sigmoidea; -Frustulia scalaris; -Navicula lamprocampa; -Sigmatella subrecta.)----
- v. rigidula, Grun.-V.H.S.p.I79-63f3; Perag.p.65; V.H.T.No.396; Wollé,40f7; Det.Syll.p.531;
- v. sigmatella, Grun.I373p.22; V.H.S.p.I79-63f6,7; T.No.397; Malaisie; (N.sigma,Gg.; -N.sigmoidea,v.cirvula.)---
- v. subcapitata, R.E.D.p.153; Br.Alp.p.105; Det.S.p.531: -(N.Clausii.)-
- v. subrecta, Grun.I373p.22; Cl.Vega p.512; Det.S.p.531: (N.subr.)-
- v. valida, Ped.-Grun.I373p.23; Vega p.512: (N.val.)--
- SIGMATELLA, Greg. M.J.I355p.37-4f2; Prit.p.732; Grun.I362p.572; I373, p.22; Carr.p.32; Eiben,I371; Sm.Sp.T.No.363; Petit liste p.22; J.R. M.S.I379p.632; Belloc,Luchon: *TM.S.I384p.105*-(N.sigma,v., & cirvula.)---
- v. major, Grun.I362p.572:
- v. minor, Grun.I362p.572:
- v. pusilla, Grun.I362p.573; (Navic.lamprocampa.)
- v. subrecta, Grun.I362p.572-I20I2; Petit liste p.22:
- SIGMOIDEA, S.B.D.Ip.33-I3f104; Front.; Mull; Prit.p.731-9f143; M.D. pl.I3f9; Heib.p.112; Grun.I362p.570; I363p.7; Carr.p.31; Pop.Sci.R. I363p.394-I3f4; Hull; Nylander,w.: Brugger p.231; Sur.Jap.p.3-1f6; R.E.D.p.154; Cl.I363p.233; I330p.90; I39Ip.60; R.Alg.Eur.No.732; Sm. Sp.T.No.369; Eiben,I371; M.T.P.I-4-20 to 22; Brun Alp.p.104-5f23; Petit liste p.22; Belloc,Luchon; Tanarek I379p.49,f23A; Cannf.p.37; Gallik,Papan; Hoffmann,Marburg; V.H.S.p.I73-63f5-7; T.No.392; Mobile; Lagr.I334p.32; Pharm.Cb'l't.I36Ip.I55,em icone; Perag.p.64; Delogne; Spamer,Duren; Wollé,42f9; Truan I335p.73-7f19; Malaisie; Merib.p.I37; J.R.M.S.I393p.I-1f9; Det.Syll.p.523: (Bacillaria; -Cymbella; -Frust.nitzschii; -Navicula; -N.elongata,Hass.; -Synedra; -Sigmat.nitze.)-
- v. Armoricana, Grun.-Cl.I330p.91; Truan I335p.73-7f20; Herib.p.I37: *Jac. 70 p.40* (N.Arm.; -Synedra A. & Brebissonii.)
- var. "b", S.B.D.Ip.33-I3f104b; Bleisch,I363; Carr.p.31; Vega p.492;
- v. Brebissoni, R.E.D.p.155; Brun Alp.p.105-5f27; (Synedra Armoricana & B.)---
- v. undulata, Petit liste p.22; Class.f6; Det.Syll.p.523; T.M.S.I377pl.I37f3;
- SINUATA, Grun.-Cl.I330p.32; I39Ip.60; V.H.S.p.I73-63f11; T.No. 335; Lake Michigan; Wollé,43f21; Det.S.p.519; Merib.p.I35; (Denticula; -Dimerogramma; -Grunowia; -N.tumida.)---
- v. tabellaria, V.H.S.p.I75; T.No.335: (N.tab.)--

Spathulata; Fortm. D.M. p. 19:

Spectabilis, Fortm. D.M. p. 19: Damf. p. 37:

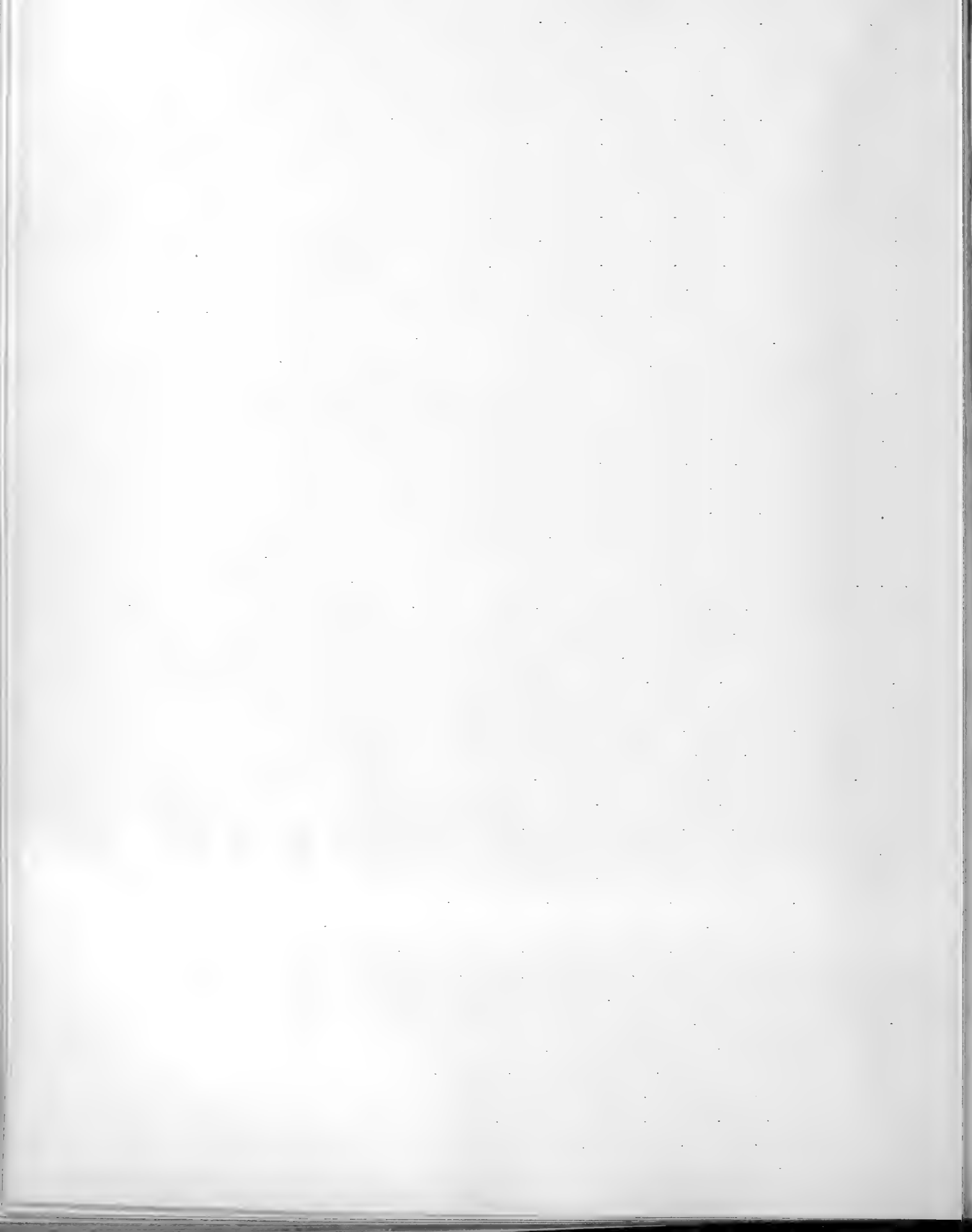
subtilis

" var. palacea, Damf. p. 38:

" var. gambica, Damf. p. 38:

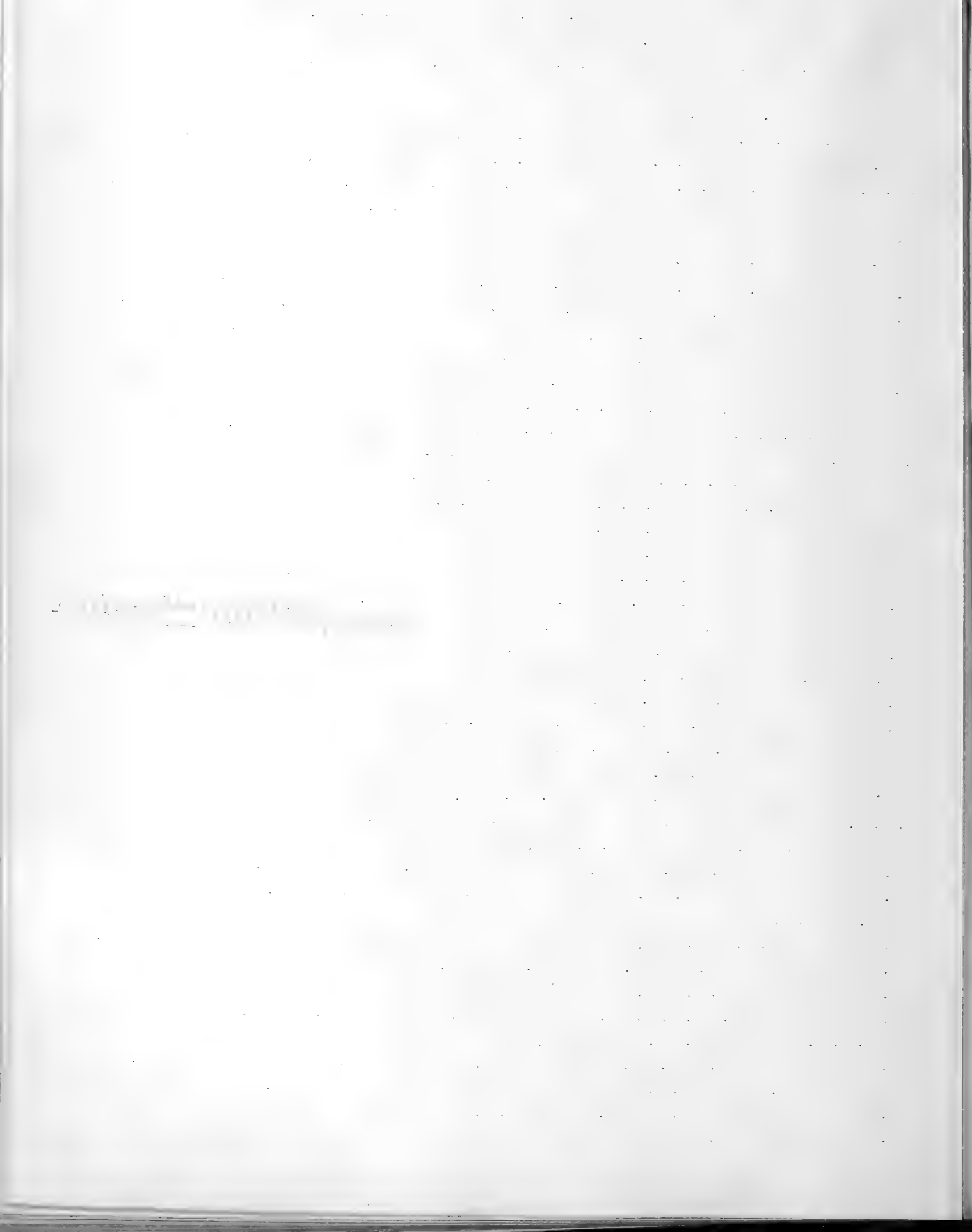
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- SMITHII, Ralfs, Prit. p. 731; Grun. 1362p. 564; Reinhard; Carr. p. 32; V.H. S. pl. 31f4; Cl. 1380p. 34; Det. S. p. 521: -(N. spectabilis, W.S.: -Pritchard.)
 v. genuina, Grun. - Cl. 1380p. 34;
 v. subflexuosa, ^{W.S.} Cl. 1380p. 34; Det. S. p. 522;
 SLESVICENSIS, Grun. - Eiben, 1871;
 SOCIALIS, Greg. - T.M.S. 1357p. 3-1f45; Hull: Cl. 1376p. 27; 1376p. 12; 1380p. 35; Vega p. 479; Lagr. 1373p. 29; V.H.S. pl. 31f3; Dannf. p. 37; Malaisie: *Oestrup 1897 p. 331: Fortm. Cey. p. 40-3f33* (Bacillaria.) --
 v. Australis, Cl., 1380p. 35: (Bac. socialis, var.) --
 v. Baltica, Grun. - Cl. 1380p. 35-3f107; Vega p. 479; ^{Dannf. p. 37} (Bac. s., var.) --
 v. basaltica, Brun & H. - Herib. p. 133-1f6;
 v. Kariana, Grun. - Cl. 1380p. 35-3f103; Vega p. 479: (Bac. s., var.) --
 v. Massiliensis, ^{W.S.} Cl. 1380p. 35: (Bac. socialis, v.) ---
 v. Seychellensis, Grun. - Cl. 1380p. 35; Vega p. 512; (Bac. Soc., v.) --
 SPATULATA, S.B.D. 1p. 40-3f123; Breb. D.C. p. 32; Prit. p. 732; Herib. p. 112; Grun. 1362p. 530; Carr. p. 32; New Zealand; Hull; Lew., N. & R. S. p. 33; Sm. Sp. T. No. 370; V.H.S. p. 177-621f, 3; T. No. 390; R.E.D. p. 131; Cl. 1380p. 39; Vega p. 430; Perag. p. 35: Wolle pl. 43f7, 3; Malaisie; Det. S. p. 523: --
 v. ^{W.S.} angusta, Grun. 1362p. 530; R.E.D. p. 131;
 v. hyalina Greg. - Cl. Vega p. 430; V.H.S. p. 177: (Nz. h.) ---
 SPATHULIFERA, Grun. - Cl. & M. No. 203: 1380p. 35; V.H.S. pl. 31f3; Malaisie; Det. S. p. 522: - (N. Asiatica, v., & insignis, v.)
 SPECTABILIS, S.B.D. 1p. 39-14f113: (N. Smithii: -Pritchard.) --
 SPECTABILIS, E. - Ralfs, Prit. p. 732; R. Bac. exs. No. 31; Grun. 1362p. 574; R. E.D. p. 156; Breb. D.C. p. 9; Nylander, W.: Hull; M.T.P. 1-4-23, 24; V.H.S. p. 130-37f3, 9; T. No. 401; Cl. 1380p. 92; 1391p. 30; Villef. p. 33; Perag. p. 35 Wolle, 40f1; Pant. 2p. 73; 3p. -7f120; Det. S. p. 535; Herib. p. 133; (N. Boetcheriana; Synebra.) --
 v. Americana, ^{W.S.} Cl. 1380p. 92; Det. S. p. 535; *Dannf. p. 38*:
 v. gigantea, Grun. 1362p. 574;
 SPIRALIS, K. - Det. S. p. 550: (Nitzschella.)
 STAGNORUM, Rabb. Alg. Eur. 325; R.K. Fl. p. 43; V.H.S. pl. 59f24; Cl. 1380p. 73; 1381p. 11; Det. S. p. 511; (N. cuneata; -Surirella multifasciata.) ---
 STOLICSIANA, Grun. - Cl. 1380p. 99; Det. S. p. 546; --
 SUBCOSTATA, Grun. - Cl. 1380p. 74; Cl. & M. 149; ^{W.S.} Det. S. p. 507; (Nz. Jelineckiana, var.) --
 SUBDILATA, Grun. - Cl. 1380p. 88; Det. S. p. 525: (N. aistans, v.)
 SUBTILIS, K. - Cl. 1380p. 95; Dannf. p. 35; V.H.S. p. 133-63f7, 3; Perag. p. 35; Belloc, Luchon: Cl. 1391p. 30; Det. S. p. 539; Herib. p. 139; (Frust.; -Navicula acus; -N. tenuis, p.p.: -Synedra.) -
 v. glacialis, Grun. 1384p. 55-1f64; Det. S. p. 539;
 v. Mexicana, Grun. - V.H. T. No. 250: --
 v. paleacea, Grun. - Cl. 1380p. 95; V.H.S. p. 133; Det. S. p. 539: ^{a. ex. 1895 p. 26} (Nz. pal.)
 SUBULATA, Breb. - Det. S. p. 551; (Nitzschella.)
 SULCATA, Grun. - Cl. 1380p. 73; Det. S. p. 509;
 SUPERBA, Fortm. Cey. p. 40-3f33; Det. S. p. 505;
 SZABOI, Pant. 2p. 73-151263; Det. S. p. 552;



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- TABELLARIA, Grun.-Cl.I330p.32; V.H.S.pl.60fI2,I3; Lake Michigan;
 Wolle,43f22,23; Malaisie; DeT.S.p.519; Heib.p.I36:
 (Denticula; -Grunowia; -N.sinuata,v.)----
 TAENIA, S.B.C.Ip.43-I5fI25; M.D.pl.I5fI3a; Mull: Sm.Sp.1.No.371;
 (Ceratoneis; -Cylindrotheca; -Nitzschella gracilis.) ~~Idem, p. 171~~
 TALLYANA, Grun.I332p.I43-29f2I; Pant.2p.73; DeT.S.p.543;
 TENUIS, S.B.C.Ip.40-I3fIII; Desmaz.2.No.503; Prit.p.732; Carr.p.3I;
 Grun.I332p.576; Heib.p.II2; Schum.4.1.p.53; Eul.Sp.1.No.70; Mull; R.
 E.D.p.I53; Sur.Jap.p.10-IffII; Lagr.I373p.43; Sm.Sp.1.372; V.H.S.pl.
 37fI6; Belloc,Luchon; Wolle,40fI9,20; Herib.p.I69;
 (N.Hantzschiana, linearis, recta, subtilis, Tergestina; -Syneura.)----
 " var."b", Schum.I364p.I3-2f3; Petit & Leud.;
 " v.media, Rabh.E.D.p.I53; Lagr.I373p.43; (Nz.media,Htz.)
 " v.parva, Rabh.E.D.p.I53; Lagr.I373p.43; (Nz.hantzschiana.)--
 " forma robusta, R.E.D.p.I53; (N.recta,Htz.)-
 TERGESTINA, Ralfs-Prit.p.73I; Dannf.p.33;
 (N.tenuis; -Sigmatella; -Syneura.)--
 THERMALIS, ~~Caletsw.~~ Rabh.Alg.E.Nos.I064,I200 sub; Grun.I332p.569-I2f
 22,3/4; Schum.H.1.p.60-IffI4; R.E.D.p.I55; Amazon; Pelecin p.9-2fI3; M.M.
 J.I375p.6-I09fII; Eiben,I37I; Braun Alp.p.I06-5fI7; Sm.Sp.1.No.373;
 Gallik,Papan; V.H.S.p.I74-59f20; Cl.I330p.73; Belloc,Luchon; Spamer,
 Duren; Dannf.p.37; DeT.S.p.512; Herib.p.I65:
 (Navicula umbonata & t.; -N.serians & stagnarum; -Pinnularia; -
 Surirella umbonata & t.)
 " v.intermedia, Grun.-V.H.S.p.I75-59fI5-I9; DeT.Syll.p.512;
 " v.littoralis, Grun.-Cl.I330p.73; DeT.S.p.512; (N.litt.)-
 " v.littorea, Grun.-DeT.S.p.512:
 " v.minor, Hilse I360p.67; R.Alg.E.No.I266; V.H.S.pl.59f22;
 Cl.I330p.73; I39Ip.59; DeT.S.p.512; *Dannf. p.37*:
 " v⁸.serians, ² Grun.I362p.539; (N. ~~Syn.~~ & Frustulia s.)
 " v.stagnarum, Rabh.Alg.Eur.No.625; R.E.D.p.I53;
 TONGATENSIS, Grun.-Cl.I330p.77:
 TRANSYLVANICA, Pant.3p. -I0fI37;
 TRYBLIONELLA, Hantzsch.-R.Alg.E.No.984; Grun.I373p.20; Dannf.p.35; V.
 H.S.p.I7I-57f9,I0; T.373; Cl.I330p.69; I33Ip.II; I39Ip.59; Wolle,
 44f23; DeT.S.p.493; Herib.p.I33; (Tryblionella, species multae.)----
 " v.ambigua, Grun.-Cl.I330p.69-5f9I; I39Ip.59; DeT.S.p.499; *Dannf. p.36*:
 " v.Biharensis, Pant.Ip.44-24f222; 2p.73; Notar.I333p.537;
 DeT.Syll.p.499;
 " v.calida, V.H.S.p.I7I; (Nz.cal.)-
 " v.intermedia, Cl.I330p.69; DeT.Syll.p.499;
 " v.littoralis, V.H.S.p.I72;
 " v.maxima, Grun.-V.H.S.pl.57fII-I3; T.No.374; Cl.I330p.69;
 DeT.S.p.493; Pant.3p. -7fII3:
 " v.Levidensis, V.H.S.pl.57fI5-I7; T.No.375; Cl.I330p.70; Vega p.
 473; I39Ip.59; DeT.S.p.499; *Dannf. p.35*. (Nz. & Trybl.L.)
 " v.obtusiuscula, Cl.I330p.69; DeT.S.p.493;
 " v.salinarum, Cl.I330p.70; DeT.S.p.499; (Nz.sal.)-



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- v. subsalina, Cl. I830p.69: Det. Syll. p.499;
- v. Victoriae, Grun.-V.H.S.pl.57f14; Cl. I830p.69; I831p.II;
Vega p.478; Det. S.p.493: (Trybl. Vic.)---
- v. Yarrensensis, Grun.-Cl. I830p.69; Det. S.p.493:
- TUBICOLA, Grun.-Cl. I830p.97; V.H.S.pl.69f14; Det. S.p.542;
Herib. p.172;
- TUMIDA, Hantz.-R. Alg. E. III4 cum icone; R.E.D.p.153: (N. sinuata.)
- VALENS, Ralfs, Prit. p.732-I2f14; R.E.D.p.152; Det. S.p.553: -(Synedra.)--
- VALIDA, Grun. & Cl.-Cl. I878p.12-3f19; J.M. I879p.33-2f19; Vega p.501;
V.H.S.pl.65f4,9; Villef. p.57; Malaisie; Wolle, 42f1-3; Det. S.p.532:
(Nz. sigma, var.)----
- VENTRICOSA, Kitton.-M.M.J. I873p.206-33f5; Sm. Sp. 1.374; Cl. I873p.13;
I830p.100; Vega p.507; Malaisie; Det. S.p.543: (N. longissima, var.)-
- VERMICULARIS, Hantz.-Rabh. Alg. E. No. 389; Prit. p.731; Grun. I862p.571; R.
E.D.p.155; Schum. I869p.1-2f14; Prollius p.68; V.H.S.p.173-74f1,2;
Lake Mich.: Gallik, Papan; Cl. I830p.91; Delohenz; Wolle, 42f12-15; J.
L.S. I834p.245; Spamer, Duren; Det. Syll. p.529; Herib. p.168: Deshay. 77
(Nz. arculus & lamprocampa; -Sigmatella; -Synedra.)-
- VERMICULARIA, Casti. I837p.33-I3f12; Notar. I839p.339; Det. S.p.514;
- VERRUCOSA, O'M.-M.J. I869p.313; Det. Syll. p.554;
- VEXANS, Grun.-V.H.S.pl.57f8; Det. S.p.554:
- VICTORIAE, Dickie & Grun.-Amazon: Herib. p.163: (Trybl. V.)
- VIDOVICHII, Petit Nimrod; Cl. Vega pp.502,507: (Monococladia.)
- VIRGATA, Roper, M.J. I853M.3, f6a,b; Breb. D.C.p. ; Prit. p.730; Carr. p.
81; Br. Verm. p.9; Hull; Sm. Sp. 1.375; Cl. I830p.103-6f110; J.R.M.S. I830,
pl. I3f13; M.T.P. I-4-15; Wolle, 25f16,17: (Hantzschia; -Pritchardia.)-
- VITREA, Norman.-T.M.S. I861p.7-2f4; Grun. I862p.556; Carr. p.31; Hull;
R.E.D.p.152; Cl. I873p.27; I830p.93; Vega pp.431,502; Sm. Sp. 1.376;
V.H.S.p. I81-67f10,11; Dannf. p.33; Bellec, Luchon; Wolle, 42f13,21,23;
Det. Syll. p.536; Herib. p.170:
- v. Finmarchica, Grun.-Cl. I830p.94-6f106; Vega p.431; Det. S.p.537;
- v. Gallica, Bn.-Herib. p.170-5f1,2: var. *gemma* 12
- v. Kerguelensis, Grun.-Det. Syll. p.537;
- v. major, Cl. I830p.94; Nares; V.H.T. No. 402; Brun & T. p.73;
Det. Syll. p.537;
- v. recta, V.H.S.p. I82-67f17,18; Det. Syll. p.536;
- v. forma majuscula, Det. Syll. p.537;
- v. salinarum, Grun. I862p.556; R.E.D.p.152; Dippel I870p.4;
Cl. I830p.94; V.H.S.p. I82; Det. Syll. p.537;
- VIVAX, Hantz.-Heuw. Vol. 2p.35-6f4: (Hantzschia.)-
- VIVAX, S.B.D. I1.41-31f267; R. Alg. E. No. 947; Grun. I862p.555; Heuw. Vol. 2,
p.35; Prit. p.730; Carr. p.31; V.H.S.pl.62f1,2; T. No. 339; Cl. I830p.33;
Vega p.506; Shark River; Wolle, 44f14,15; Malaisie; Det. S.p.522;
(N. amphioxys, var., & Nystromii.)-- *Fortin. D. 7m. p. 191*
- v. hyperborea, Grun.-Cl. I830p.33-5f104; Det. S.p.523;
- WALLICHIANA, Petit, Cap Horn p.127-10f9; Notar. I833p.623; Det. S.p.547;
- WANKARAMAE, Cl., Vega p.479-53f71; Det. Syll. p.511;

VVVVVVVVVV

- WEISSBOGII, Grun.-Cl. I873p. I3; I880p. 31; Del. Syll. p. 517:-(Perrya.)---
 " var. "a" subglabrata, Cl. I873p. I3-4f22; Del. S. p. 517;
 " var. "b" sparsa, Grun.-Cl. I880p. 31; I873p. I3-4f23a: Del. S. p. 517;
 " var. "g", interrupta, Cl. I873p. I3-4f25b: Del. S. p. 517:

NITZSCHIELLA.-(Rabh., 1864)

- ACICULARIS, Rabh. E. D. p. I64; Boise. pl. If I2; Prollins p. 33; Pharm. Cent.
 I880p. 440; Tanarek I879p. 50, f29:-(Ceratoneis; -Nitzschia; -Synedra.)---
 " v. closterioides, Grun. I R. E. D. p. I64; Schum. *minut. p. 10*
 CLOSTERIUM, Rab. E. D. p. I63, f48a-c; Reinhard;
 (Ceratoneis; -Homoeocladia; -Nitzschia.)-
 CLOSTERIOIDES, Schum. n. T. p. 30-If I7; M. M. J. I875p. 3-I09f I4; N.
 (N. acicularis, v.)--
 GRACILIS, Breb.-Rab. E. D. p. I64; (Ceratoneis; -Nitzschia taenia.)
 HAMATA, Rabh. E. D. p. I64; (Synedra.)
 LONGISSIMA, R. E. D. p. I64; Malaisie:-(Ceratoneis; -Nitzschia microstrata.)
 REVERSA, R. E. D. p. I64, f43a; Malaisie: (Ceratoneis; -Nitzschia.)-
 " var. major, Grun.-R. E. D. p. I64;
 SPIRALIS, R. E. D. p. I64, f43f; (Ceratoneis.)--
 SUBULATA, Rab. E. D. p. I65: "
 TAENIA, Rab. E. D. p. f48e: (Nitzschia t.)-

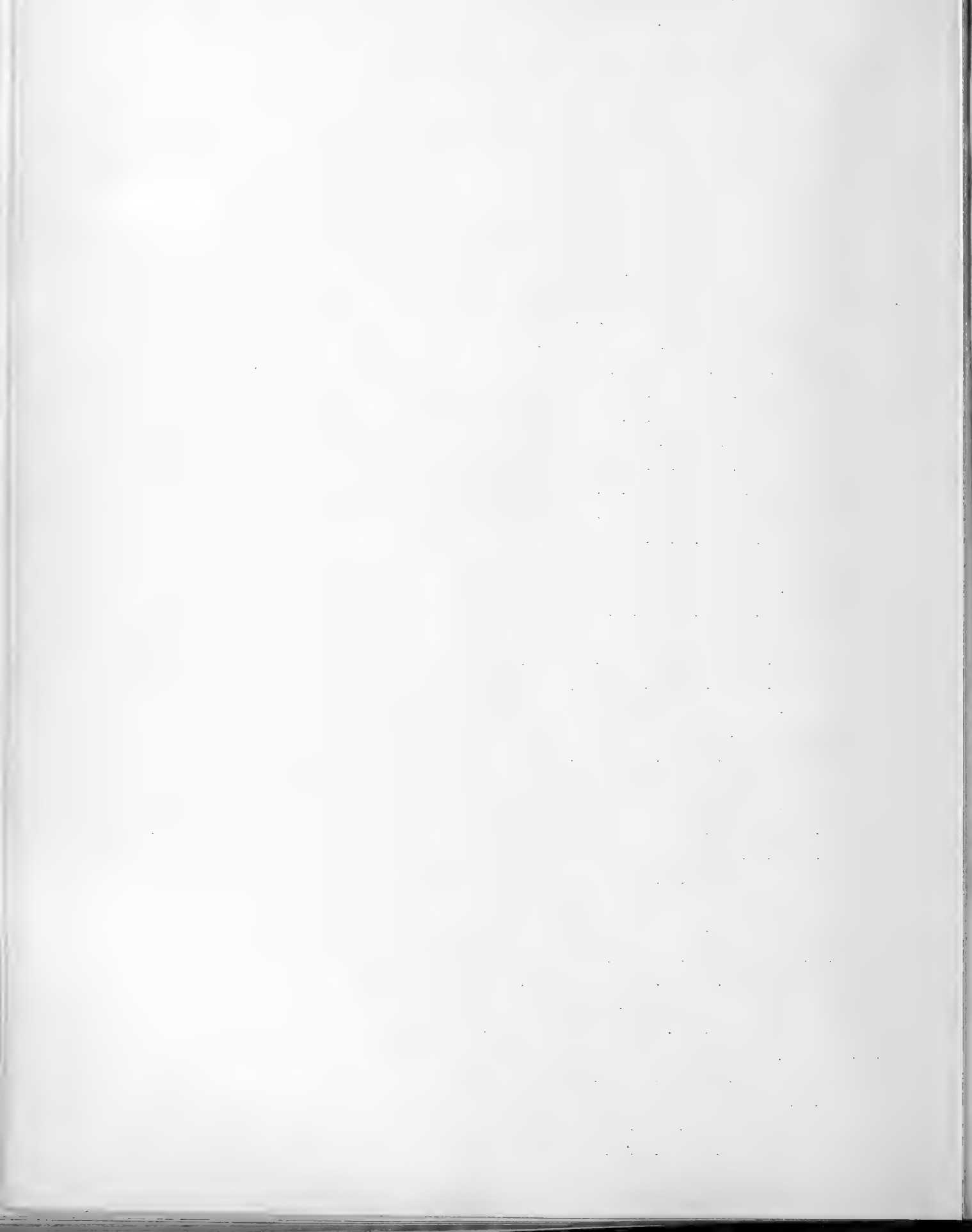
NOTHOCERATIUM.--(DeFons, 1894)

- FORRESTERIUM, Tempere.-Del. Syll. p. 9I6: (Triceratium.)-
 INSUTUM, Castr.-Del. S. p. 9I5: (Tricerat)
 MULTIPLEX, Jan.-Del. S. p. 9I6:-(Trie.)----
 PARALLELUM, Grev.-Del. Syll. p. 9I5: (Trie.)---
 POLYGIBBUM, Pant.-Del. S. p. 9I6: "
 POLYGONIUM, Grev.-Del. Syll. p. 9I5: "
 PORTUOSUM, Jan.-Del. S. p. 9I6: "
 RETICULATUM, Grev.-Del. Syll. p. 9I5: "
 SCHMIDTII, Jan.-Del. Syll. p. 9I6: "
 " var. pustulata, A. S.-Del. S. p. 9I6: "
 SEXANGULATUM, Grev.-Del. Syll. p. 9I4: (Triceratium.)
 SEXPARTIUM, Grove & Start.-Del. Syll. p. 9I6: "
 STRABO, A. S.-Del. S. p. 9I6: "
 TAHITIENSIS, Castr.-Del. Syll. p. 9I5: (Triceratium.)-

NOVILLA.--(Heiberg, 1862)

- BRIGHTWELLII, Cleve I868p. 234: (Surirella B.)-
 FASTUOSA, Cl. I868p. 234; I873p. I2; Java p. II: "
 GEMMA, Heib. p. IOI; Cl. I868p. 234: "
 LATA, Cl. I868p. 234: "
 NOBILIS, Cl. I868p. 233: "
 OVALA, Heib. p. IOI; Cl. I868p. 234; I873p. 336; Lagr. I873p. 47: (Sur.)
 PINNATA, Lagr. I873p. 47: "
 SPLENDIDA, Cl. I868p. 233: "
 STRIATULA, Heib. p. IOI; Cl. I868p. 234: (Surirella s.)-

- , Meneg. A.N.D.p.433:
- , DeToni, Oss. Bac. Tass. I890p.9II:
ACUTA, (E.) -Grun., V.H.S. (Triceratium.)--
AFFINIS, Grun.-V.H.S.pl.I03f3,4: (Tric.)---
AMPHICEPHALA, (E.) -Aph. Ber. I845p.333; K.S.A.p.I37; Del.S.p.865:-(Bidd.)
ANGULATA, A.S.-Del.Syll.p.869: (Bidd.)---
ANTEDEILUVIANA, (E.) -V. H.S.- (Amphitetras;-Tricerat.)-
AURITA, Ag. Cons.p.55; Engl.Bot.pl.334, (2); Marv.M.
I37-29f33; K.S.A.p.I33; Del.S. I352p.470; Bidd.T.O.p.9; Atlas, f37f;
Roper, Thames; Del.S.p.832;
(Biddulphia;-Denticella a. & gracilis;-Denticellum. *Biddulphia*)
' v.minima, Grun.-Del.S.p.863: (Bidd.aur.,v.)-
' v.minor, Grun.-Del.S.p.863: (Bidd.aur.,v.)-
BARBADENSIS, Grev.-Del.Syll.p.869: (Bidd.)---
BIDDULPHIOIDES, Wigand.-Hedw.Vol.2p.45-7f2I:-(Bidd. & O.obtusa,v.)----
BIROSTRUM, Bn.-Del.S.p.863: (Bidd.)--
BORYANA, Pant.2p.37; 3p. -8f89; 24f367; Del.S.p.865;
BRITTONIANA, K.& S.-Del.S.p.866:-(Bidd.)
CALIFORNICA, Grun.-V.H.S. (Tric.)--
CONSIMILIS, Grun., V.H.S.-(Tric.)---
COOKIANA, K.& S.-Del.Syll.p.866: (Bidd.)---
CORNUTA, Grun.-V.H.S.-(Tric.)-
DECORATA, Grev.-Del.S.p.867:-(Bidd.)
DESMIDIUM, Cole, Essex;
DISCIGERA, H.V.H.S.-Del.Syll.p.869: (Tric.)--
DISSIPATA, Gro.& St.-Del.S.p.866: (Bidd.)--
EDWARDSII, Febiger.-Grun.I834p.5-2f20; Del.S.p.865:-(Bidd.)--
ELEGANS, Grun.-V.H.S.-Del.S.p.869:-(Tric.)
EXPEDITA, A.S.-Del.Syll.p.869:-(Bidd.)--
FAVUS, H.V.H.S.- (Tric.)---
FENESTRATA, Grun.-Del.S.p.869:-(Bidd.; -Auliscus of Atlas I25fII-I3;)
GALLAPAGENSIS, Cl.-Del.Syll.p.864; (Bidd.)--
GRANULATA, (Bidd.)--
HEIBERGII, K.S.A.p.I36; Grun.I834p.7-5f50; (Denticella laevis.)-
' var., H.V.H.S.pl.II4fIO,II; (Bidd.Tuomeyi.)
LAEVIS, K.S.A.p.I36; (Bidd.; -Cerataulus;-Tric.)----
MADAGASCARENSIS, V.H.S. (Tric.)---
MAMMIFERA, V.H.S.- (Tric.)-
MAMMOsa, Grev.-Del.Syll.p.867: (Bidd.)-
MANCA, A.S.-Del.Syll.p.869: (Bidd.)---
MINUTISSIMA, Grev.-Del.Syll.p.867: (Bidd.)
MOBILIENSIS, Bailey M.O.--6: (Bidd.; -Zygoceros.)-
NEOGRADESCENSIS, Pant.Ip.47-24f2I8; 2,p.33: Notar.I833p.542;
Del.S.p.865: (O.Roperiana,v.)
OAMARUENSIS, Gro. & St.-Del.S.p.867: (Bidd.)--
OBTUSA, K.B.p.I37-I8f3(I-3,6-3): K.S.A.p.I33; Atlas I22f30,3I;
Wolle,82f23,24; Del.S.p.863; (Bidd.aurita & o.)--
PEDALIS, Gro.& St.-Del.S.p.866: (Bidd.; -Groves.)---



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- PLANA, A.S.-Det.Syll.p.369:- (Biad.)--
 POLYCANTHOS, Bn.-Det.S.p.365: (Biad.)--
 POLYMORPHA, K.B.p.I33-29f30; K.S.A.p.I35; Mont.Syll.p.470; Prit.
 I352p.470; Schum.I367p.60; Det.Syll.p.369:
 (Isthmia; -Biad. & Cerataulus laevis.)--
 POLYMERA, Rab.E.D.p.30,f33; Det.S.p.369; K.S.A.p.I37; -(Cerataulus.)---
 PRIMORDIALIS, Bn.-Det.S.p.364; (Biad.)
 PYGMAEA, Pant.3p. -35f493;
 RETICULATA, Roper.-Det.S.p.363: (Biad.)--
 RHOMBUS, K.S.A.p.I36; Det.S.p.370: (Biad.; -Denticella.)
 ROPERIANA, Grev.-Det.Syll.p.363: (Biad.)-
 SEPARANDA, A.S.-Det.S.p.369: (Biad.)--
 SMITHII, Ralfs.-V.H.S.- (Cerataulus.)-
 SUBAEQUA, K.B.p.I37-I3f3(4,5); K.S.A.p.I36; Det.S.p.364;
 (Biad.aurita, & s.)-
 ' v.Baltica, Gn.-Det.S.p.365: (Biad.s.,v.)---
 SUBLAEVIS, Gn.-Det.S.p.369:- (Biad.)
 TENTACULIFERA, Cl.-Det.S.p.367: (Biad.)---
 TUBULOSA, Bn.-Det.S.p.365: (Biad.)---
 TUMIDA, K.S.A.p.I37; Det.Syll.p.369: (Biad.; -Denticella.)-
 TURCIDA, K.B.p.I37-I3f3(9); K.S.A.p.I36; Prit.I352p.470; Det.Syll.
 p.364: (Biad.t. & granulata; -Cerataulus; -Denticella.)----

ODONTELLA-LAMPRISCUS.-(Grev., 1842)

- SHADBOLDTIANUS, Grev.-Grun., V.H.S.pl.I08f5,6: (Triceratium.)-
 ' v.pentagona, V.H.S.pl.I08f7:

ODONTIDIUM.-(Ralfs, 1844)

- , Men.A.N.D.p.330: -, Pfitzer p.I20; Br. Alp. p.114
 -, L.W.B., Amer.Nat.I363p.510-I3f2I: -, Tanarek I379p.54:
 ACUTUM, Schum.I362p.I34-3f9: (Fragilaria.)--
 ALPIGENUM, Kerner.-Rabb.Alg.E.No.I735; New.Vol.4p.53; Erbarium
 Crittog.Ital.No.I85; (Diatoma hyemale.)---
 AMPHICEROS, K.S.A.p.I3; Prit.p.776; R.E.D.p.II7; Det.S.p.34I: -(Frag.)-
 ANCEPS, Ralfs, Prit.p.776; R.Alg.E.No.303; Schum.A.T.p.55:
 R.E.D.p.II6: Italy; Sm.Sp.T.377; Brun Alp.p.II5;
 (Diatoma; -Frag.capitata, a., & pteridium.)--
 ' v.anomala, Brun Alp.p.II6-4f6: (O.an.)---
 ' forma intermedia, R.E.D.p.II7: (Frag.leptocephala.)
 ' form.longissima, R.E.D.p.II7:
 ' for.minor, R.E.D.p.II7: (O.anomalum, "g".: -O.capitatum.)----
 ' f.ventricosa, Schum.-R.E.D.p.II7: (Frag.v.)-
 ANNULATUM, Corda, Almanach Carlsbad.- (Syllinx.)--
 ANOMALUM, S.B.D.2p.I3-3f376; A.M.N.1.I355p.49-417-9; I353p.7-I13;
 Prit.p.776; Grun.I362p.357; Carr.p.79; O.M.I.D.p.237;
 (Diat.anceps, v.)---
 ' v.curta, Grun.I362p.353: -(O.capitatum.)----
 ' v.longissima, Grun.I362p.357-7f4; Sm.Sp.T.No.379:
 BALDICKII, Btw.-M.J.I859p.I30-9f10:
 (Achnanthes; -Dinerepenna; -Rhabdonis.)

hyemale,

"var."a" genuina, Grun. 1862p. 356:

marinum, Grun. 1862p. 358-8f23a, b:

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- BINODE, Rabh.-K.#1.p.31: (O.tabellaria, "b", W.S.: -Fragilaria.) ---
- BOGOTANUM, R.S.D.p.34-2f3; Prit.p.775; R.E.D.p.II7: (O.hyalis, v., & mesodon.)
- CAPITATUM, Rab.S.D.p.34-10fI7; Prit.p.775; Grun.I362p.353;
 Prollius p.33: (Diatoma
 anceps; -Frag.c. & leptacephala; -O.anomalum, v., & chamocephalum.) -
- CHAMOCEPHALUM, R.S.D.p.34-10fI6: (O. & Frag.capitata; -O.hyalis.) ---
- CRETAE, Ralfs, Prit.p.776; R.E.D.p.II7; Det.Syll.p.64I;
 (Frag.c. & paradoxa.) ---
- ELEGANS, O'M.I.D.p.233: (Denticula e. & ocellata.)
- GLACIALE, K.B.p.44-17f3; K.S.A.p.I2; S.B.D.2.p.I6; Brigger p.279;
 Rab.S.D.p.34-2f5; Schum.I364p.I7: (O.hyalis.) ---
- GLANS, K.B.p.45; K.S.A.p.I3; Prit.p.776: (Frag.: -Tetracyclus; -Navic.) -
- GRANDE, Rabh.S.D.p.33-2fI:
- GRANULATUM, K.S.A.p.I3; Prit.p.776; Det.S.p.64I: (Fragil.) -
- HARRISONI, S.B.D.2p.I3-30f373; Front.; Mull; Brigger p.279; R.E.D.p.
 II9; Girard Boss.p.I2-2fI5; Kirch.Alg.Schlies.p.205; Sm.Sp.1.No.
 380; Det.S.p.339; Malaisia; (Diatoma; -
 Biblarium leptostauron; -O.(Frag. & Dimerograna) fl., informe & pinnatum)
 * formae mediocris, minima & minor, Rabh.-Det.Syll.p.640;
 * var."b", Roper.-T.M.S.I354p.77-3f6; S.B.D.2p.I3-30f374:
- HYEMALE, K.B.p.44-17f4; K.S.A.p.I2; R.S.D.p.34-2f4a,b; Braemar; S.B.
 D.2p.I5-34f289; A.M.N.H.I357p.9-1fI0; R.Alg.Nos.42I, 364, II90; Prit.
 p.775-9fII2; I3f24, 25; Brigger p.279; Grun.I362p.353; Carr.p.79; R.
 E.D.p.II6, f33; Roper, Thames; Schum.H.T.p.55; R.Bac.Exs.No.4; O'M.I.
 D.p.237; Kerguelen; Italy; Cl. & M.No.23I; Sm.Sp.1.33I; M.T.P.I-3-I2 &
 I3; Prollius p.77; Tanarek I379p.54, f33; Delogne; Hoffmann, Marburg;
 Wolle, 43f5, 6; A.M.M.J.I39Ipl.1f20; Brun Alp.p.115-4f2
 (Frag.confervoides, h., striata; turgidula; -Diatoma; -Tetrachium; ---
 Melosira Heuffleri; -O.chamocephalum, & turgidulum.)
- * forma minima, Rabh.E.D.p.II3: (O.glaciale & turgidum)
- * " " minor, Rabh.E.D.p.II6: (O. & Frag.mesodon.)
- * v.^{sd}diatomacea, Grun.I362p.357; (Diatoma mesodon.) --
- * v.glaciale, M.T.P.I-3-I4;
- * v.^{ys}mesodon, Grun.I362p.357; M.T.P.I-3-I5; Brun Alp.p.II5-4f7;
 Italy; (O.Bogotanium; -O. & Frag.mesodon.) ---
- * v.rotundata, Rab.Alg.E.No.I034; R.S.D.pl.2, f4c;
 R.E.D.p.II6; Spaner, Duren;
- * v.⁶turgidula, Grun.I362p.356; (O.glaciale & t.) ---
- * v.turgida, Brun Alp.p.II7-4f2:
- INFLATUM, O'M.I.D.p.233: (Denticula crassula & i.)
- INFORME, W.S.-A.M.N.H.I357p.I0-2fI2; (Dimerograna; -O.harrisoni, v.)
- LEPTOCERAS, K.S.A.p.I3: (Frag.: -Dimerograna)
- MESODON, K.B.p.44-17fI; K.S.A.p.I2; S.B.D.2p.I3-34f233; R.S.D.p.34-2f
 2; R.D.Ex.No.32; Braemar; Prit.p.775; Brigger p.230; Grun.I362p.357;
 Schum.H.T.p.55; O'M.I.D.p.237-27fI3; Sm.Sp.1.No.332; Spaner, Duren;
 Hoffm.Marb.; Wolle, 43fI-4;
 (Diatoma & Frag.hyalis; -Frag.; -O.Bogotanium & hyemale.) ---

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MINIMUM, Naegl.-K.S.A.p.139; Prit.p.775:

(Frag.minutissima; -O. harrisoni, var., & Salisburghense, v.)---

MUTABILE, S.B.D.2p.17-34f290; Grun.1352p.339; Schum.1354p.17-2f3a-g:

New Zealand; Carr.p.79; Areni; Bach; Mull: O'M.I.D.p.235-251f7; Si.

Sp.T.Nos.333,692; Nylander, W.: Wollé, 43f7-12; Kinnord; Malaisia;

Kirch.Alg.Schl.p.204; Det.Syll.p.339;

(Diatoma m. & tenue: -Dimeregramma; -Frag.amphioxys, bipunctata,
diophthalma, m., pinnata, punctata, turgidula.)--

" v.intermedia, Grun.-Det.Syll.p.339; (Frag.mutabile, v.)

" v.genuina, Grun.-Kirch.Alg.Schl.p.205; Det.S.p.339;

" v.diatomacea, Grun.-Det.S.p.339; (Frag.mut., var.)----

NODULOSUM, K.S.A.p.13; Prit.p.775; Det.S.p.641; (Frag.)---

PARASITICUM, S.B.D.2p.19-30f375; Grun.1352p.371; Blensch, 1355; Mull;

Sm.Sp.1.No.353 sub; (Frag.binodis, const.(dens, f., & venter; Synech

" var."b", S.B.D.2p.24: -(Frag.par.)

PINNATUM, K.B.p.44; K.S.A.p.13; Prit.p.775; Italy;

(Frag.mutabilis & p.; -O.mutabile.)

PINNULATUM, K.S.A.p.13; Prit.p.775; R.E.D.p.II7; Det.S.p.640: -(Frag.)-

POLYEDRUM, K.S.A.p.14; Prit.p.775; Det.S.p.640; (Frag.)---

PUNCTATUM, Btw.-M.J.1359p.130-9f9; Det.Syll.p.340;

ROTUNDATUM, K.S.A.p.13; Prit.p.775; Schum.1354p.17; R.E.D.p.II7;

Det.S.p.640: (Frag.)-

SALISBURGHENSE, Rabh.S.D.p.34-2f7: -(O. & Frag.harrisoni; -O.minimum.)---

SINUATUM, O'M.I.D.p.235: -(Denticula, Dimeregramma, Grunowia, Microschia.)-

SPECIOSUM, Btw.-M.J.1359p.130-9f3; (Dimeregramma; -Frag.)

STRIOLATUM, K.B.p.45-2f20; K.S.A.p.13; R.S.D.p.34-2f9; Prit.p.775:

Spaner, Duren; (O.(Frag.&Diatoma) mutabilis; -Frag.s. & pinnata.)---

SYRIACUM, K.B.p.45; K.S.A.p.13; Prit.p.775; R.E.D.p.II7;

Det.Syll.p.640: (Frag.)----

TABELLARIA, S.B.D.2p.17-34f291; M.J.1354p.101-4f22: Wollé, 43f15-20;

S.G.1357, p.131, f131, 133, 135, 136; Amazon; Malaisia;

(Dimeregr.; -Frag. & Staurosira constans; -O.binodis.)--

" var."b", S.B.D.2p.17-34f291b; (Frag.binodis.)

" var.(sporangial), Greg.-M.J.1354p.100-4f22a: Lewis, W.M.D.p.13-

2f1, 2: (Frag.mutata, v.)---

TENUE, K.B.p.44-17f2; K.S.A.p.12; R.S.D.p.34-2f3; M.D.pl.10f14;

Schum.1354p.17; Ebert, Cassel; Macdonald pl.10f7; Prollius p.77;

Hoffmann, Marburg; (Frag.; -O.h. & m.)-

VENTRICULOSUM, Schum.1352p.134-3f10; 1351p.17-2f4; -(Diatoma alceps.)-

VULGARE, Bory.-Pfitzer p.120-3f20: (Diatoma v.)---

ODONTODISCUS. --

ANGLICUS, O'M.I.D.p.270-27f3; -(Systephania; -Thal'sira Nordenskiöldi.)

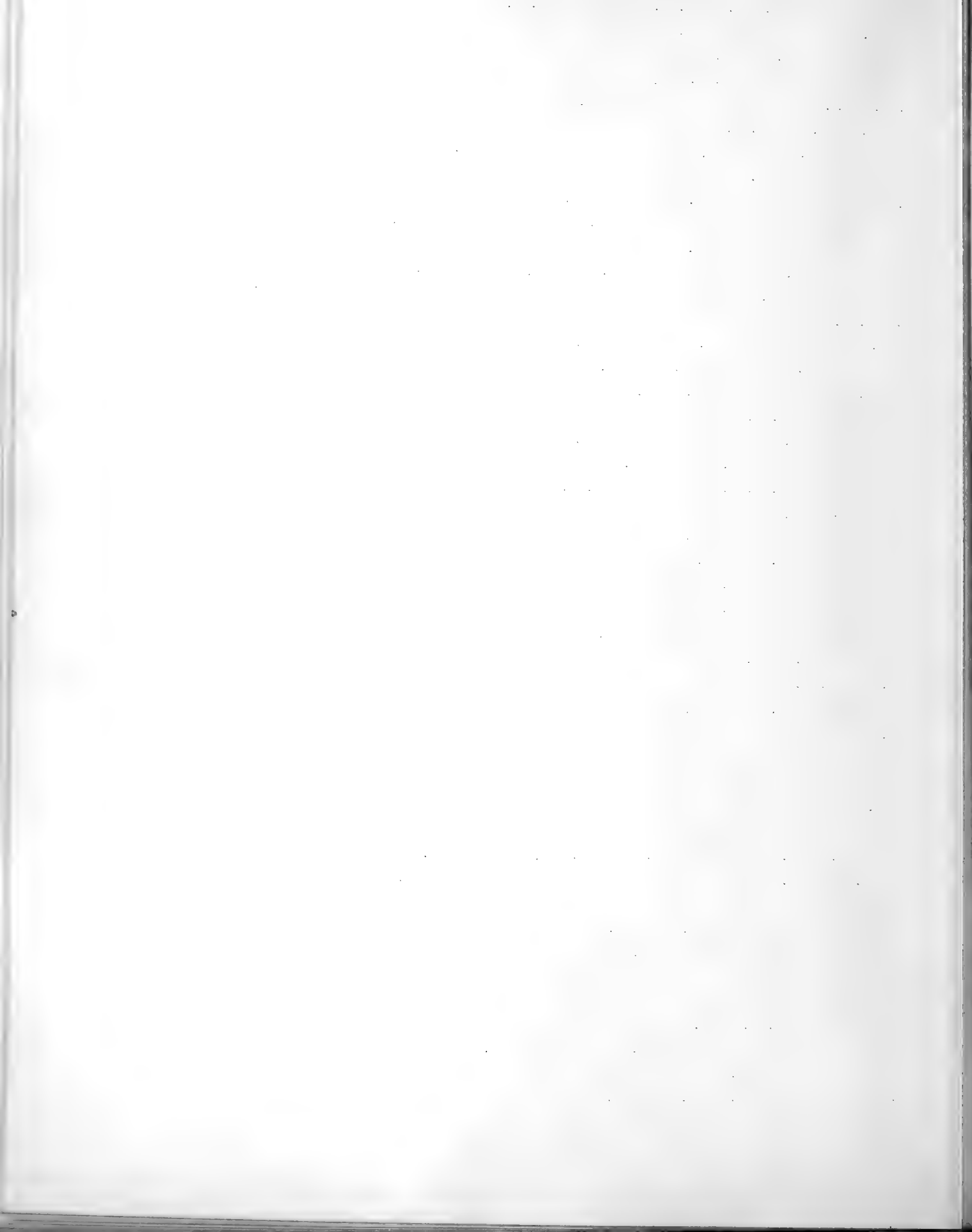
BARBADENSIS, Grev.-Trans.Bot.S.Edinb.1353p.453-3f16;

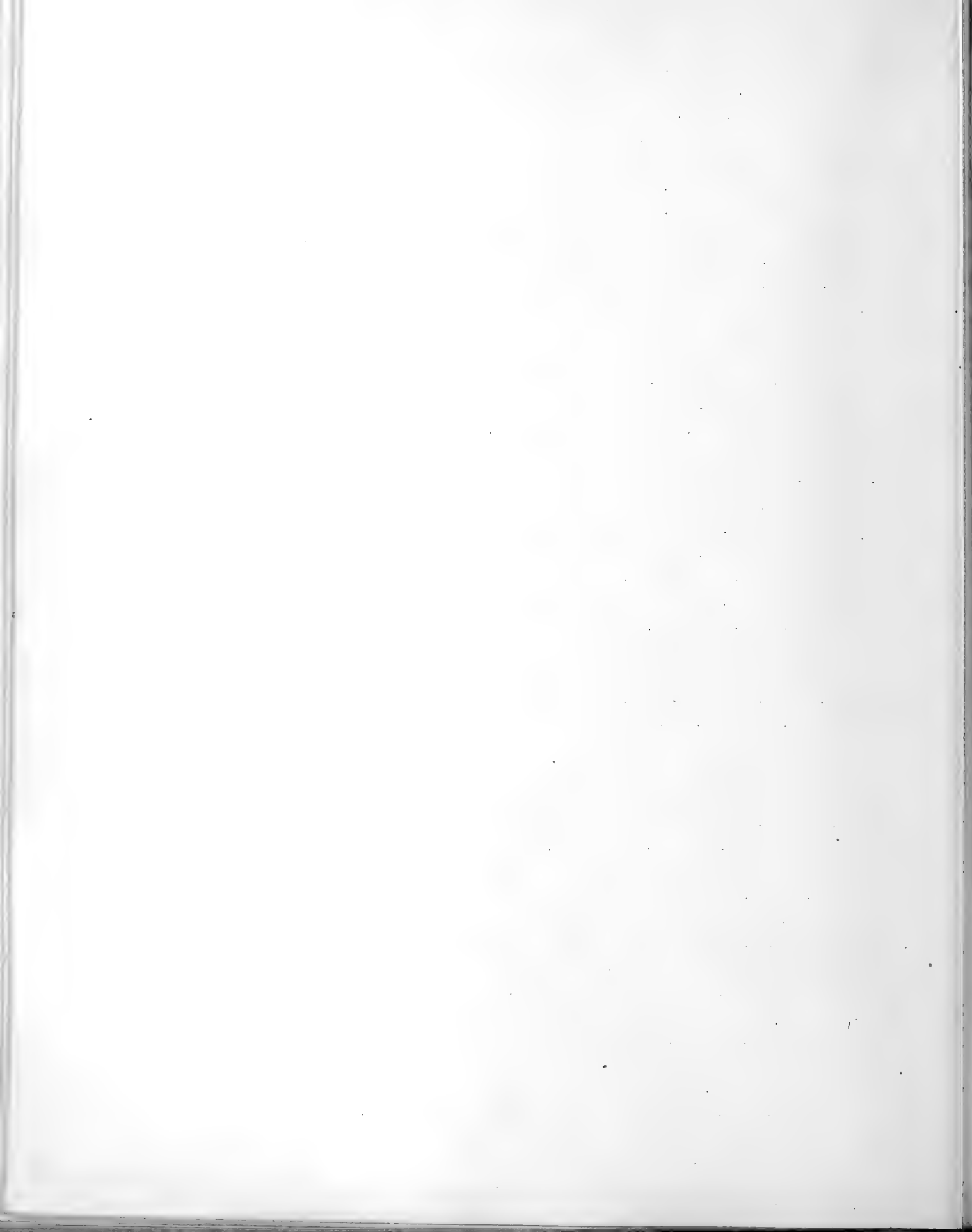
CURVATULUS, Grun.-Cl.Verg.p.433: (Coscinodiscus.)-

" v.Kariana, Grun.-Cl.1330p.II3: -(Cosc.curv., v.Kariana.)---

ECCLESIASTICUS,

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SHRUBSOLIANA, Castr. I387p. I3I-23f2; Not. I339p. 730; Det. Syll. p. I392;
(Actinoptychus.) ---
VERSICOLOR, E. -Abh. Ber. I340p. 270; K.S.A.p. I33; Prit. p. 34I:
Sm. Sp. T. No. 336: (Actinopt.) ---

OMPHALOPSIS. - (*Streville, 1864*) -

AUSTRALIS, Grev. -Trans. Bot. Soc. Edinb. I331p. 507-511, II; Det. Syll. p. 53; Det. Syll. p. 717: (Trachysphaera A.) -

OMPHALOTHECA. - (*Ehrh, 1846*) -

AMPLIATA, E. -Mik. p. I27; Det. Syll. p. I425: (Xanthiopyxis.)
HISPIDA, E. -Mik. p. I27, pl. 35A-9f4x; Prit. p. 365-3f44; Det. S. p. I425: - (') -
JUTLANDICA, Grun. -V. i. S. pl. 33f I2; T. No. 449; Det. S. p. I425; (Xanth.)
" forma minor, V.H. Type No. 450:
LAEVIS, E. -Mik. p. I40; Det. S. p. I425: - (Xanthiopyxis.) ---

ONCODISCUS. - (*Bailey, 1871*) -

APICULATUS, Bailey, Collection; (Coseinodiscus a.) --

ONCOSPHAENIA. - (*Ehrh, 1846*) -

-, E., Mik. I356p. 38:
CARPATHICA, E. -Abh. Ber. I345p. 79; K.S.A.p. II; R.S.D.p. 6I; Prit. p.
733-3fI; R.E.D.p. 296; Det. Syll. p. 644; (Gomphonema; -Meridion.) ---

OPEPHORA. - (*Petit, 1897*) -

MARINA, ² Petit, Cap. Horn p. I3I; Pellet. Diat. p. 33; Det. Syll. p. 343;
(Meridion; -Sceptroneis; -Thalassiothrix.) --- *Cestrup 1897 p. 339*
PACIFICA, Grun. -Petit, Cap. Horn p. I3I; Det. S. p. 343: (Fragil.) -
PINNATA, E. -Petit, Cap. Horn p. I3I; Det. S. p. 349:
SCHWARTZII, Grun. -Petit, Pellet. Diat. p. 33: (Frag.; -Sceptroneis.) ---

OPHIDOCAMPA. - (*Ehrh, 1869*) -

CROCODYLUS, E. -Abh. Ber. I369p. 5I: (Eunotia.) --
DENARIA, E. -A. Ber. I369p. 5I, pl. 2-2f3;
DUODENARIA, E. -Abh. B. I369p. 5I, pl. 2-2f IO:
NONARIA, E. -A. Ber. I369p. 5I, pl. 2-2f I27;
OCTONARIA, E. -A. Ber. I369p. 5I, pl. 2-2f6;
QUATERNARIA, E. -Abh. B. I369p. 50, pl. 2-2f2;
QUATUORDENARIA, E. -Abh. Ber. I369p. 50, pl. 2-2f I2;
QUINARIA, E. -A. Ber. I369p. 50, pl. 2-2f5;
QUINDENARIA, E. -Abh. B. I369p. 50, pl. 2-2f I3;
SENNARIA, E. -A. Ber. I369p. 50, pl. 2-2f4:
SEPTENARIA, E. -A. Ber. I369p. 50, pl. 2-2f5, IV: (Eunotia serpentina.) ---
TAPACUMAE, E. -Abh. Ber. I369p. 52: (Eunotia.)
TERNARIA, E. -A. Ber. I369p. 50, pl. 2-2f I;
TREDENARIA, E. -Abh. B. I369p. 5I, pl. 2-2f II:
UNDENARIA, E. -Abh. Ber. I369p. 5I, pl. 2-2f9:

Species omnes ascribendae ad Genus "Amphicampa", Ehrh. --

+ C. 192 p. 27-3 f. 5-11:

Sci. - (astrol.) -

Sci. - (astrol.) -

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MAGNIFICUS, Stein. - Atlas I44f59-61;

(Paralione Thumii.) ---

ORTHOCEIS. -- (Stein, 1891) --

-, M.T.P. 2-4-II, I2:

BARBADENSIS, Grun. I333p. I3; Grevillea Vol. I. p. 73; Det. Syll. p. 437;

(Cocconeis; -Mastogloia; -)

* v. Nankootensis, Grun. I333p. 93-12, f10; Grevil. Vol. I. p. 73-5f13;

Det. S. p. 437; - (O. Wrightii.)

* v. tenuipunctata, Brn. - Led. No. I2, p. 176-24f3;

+ BINOTATA, Grun. I333p. I5; V. I. S. pl. 23f7; T. No. 242; Villef. p. 43; Det.

Syll. p. 436; Grevillea Vol. I. p. 41; *Mastogloia* (Cocconeis b. & scutellum)

* v. Atlantica, Grun. I333p. I5-II; Grev. Vol. I. p. 41-211; Det. S. p. 436;

CLEVEI, Grun. - V. I. S. pl. 23f4; Det. S. p. 436; - (*Mastogloia*)

COCCONEIFORMIS, Grun. - Atlas I33f43; - (*Mastogloia*)

CORONATA, Brn. - Grun. M.T.P. 2-4-I9; Det. S. p. 436;

(Cocconeis)

CRIBROSA, Grun. I333p. I3; Rabh. Alg. E. No. I403; Det. S. p. 436;

(Cocconeis; -Mastogloia.)

CRUCICULA, Grun. - M. N. J. I377p. I77-I95f3; Det. S. p. 436; (*Mastogloia*)

FIMBRIATA, Grun. I333p. I5; Rabh. Alg. E. No. I403; M.T.P. 2-4-9; Villef. p.

43; V. I. S. pl. 23f3; T. No. 241; Thuan I335p. I. 412I; Det. S. p. 436;

(Cocconeis; -Mastogloia *eribrosa* & *fimbriata*)

HILLABYANA, Brn. -

(*Mastogloia*.) ---

HORVATHIANA, Grun. I333p. I3; Det. Syll. p. 437; Atlas I33f41; - (*Mastogloia*)

NOTATA, Pant. 2p. 57-27f392; Det. S. p. 436;

OVATA, Grun. I333p. 93; Heaw. Vol. 6, p. 20;

(Cocconeis; -Mastogloia.) -

Atlas I35f29; I33f42;

PELHOI, Pant. 3p. -9fI43;

PUNCTATISSIMA, Lagr. I373p. 57; Det. Syll. p. 436;

(Cocconeis)

* forma minor, Lagr. I373p. 57; Det. S. p. 437;

SPLENDIDA, Grun. I333p. I5; M.T.P. 2-4-3; V. I. S. pl. 23fI, 2; T. No. 240;

J. Q. C. I335p. I65; I337p. 72; Thuan I335p. 57-4f20; Witt I333p. I3-4f3;

Pant. 2p. 57-24f352;

(Cocconeis punctata & s.; -Mastogloia *eribrosa*; -O. punctata.)

WRIGHTII, Grun. - Atlas I33f41; Det. S. p. 437; - (Cocconeis & O. Barbo. n. 242.)

ORTHOIRA. -- (Thwaites, 1848) --

-, Pfitzer p. I34;

ANGULATA, Greg. C. C. p. 23-2f43; Carr. p. 91;

(Cocconeis decipiens & minor; -Melosira.)

ANTIQUA, Lagr. I373p. I4;

(Cyclotella.) --

ARENARIA, Moore. - S. B. 2, 21. 59-52f334; Carr. p. 91; Edl. Sp. 1.

No. 75; Hull: Cl. I333p. 217; Cl. & M. No. 32; O'M. I. C. p. 251-2515; Gattik,

Papan; Strose, Kleiken;

(Gaillonella biserialis, unilata, varians; -Melosira.) -

BINDERIANA, Schumann I362p. I35;

(Mel.)

CRUCICULA, Grun. - Cl. & M. No. 203;

DICKIEI, Thwaites. - A. M. N. I. I343p. I3-123fI, 7; Pant. I332p. I. 21129;

S. B. 2. 2p. 50-52f335; Edl. Sp. 1. 74; Carr. p. 91; S. G. I373p. 222, f135;

O'M. I. C. p. 252; Cl. & M. No. 59; Atlas I32f43-50;

(Mel.) --

Castr. Riprod. 1874 p. 9-73a - K.

Paltonophora.
Lecyth. & Gomphonema; Kz. Syn. p. 38;

Dysophora.
Dysophora - Vide Cl. Nov. 2 p. 125; 1893.

Paltonella.
Paltonella - Kz. Syn. p. 17;

Pandurella.
Same as above - p. 26;

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- KUTZINGIANA, Thwaites.-Heib.p.31; Cl.1863p.217;
(Cyclotella K. & operculata, v.)---
INTERJECTA, Jan.-Atlas 173ff-3;
ITALICA, E.-Carr.p.91; (Melosira; -O. sinuata.)
MARINA, S.B.D.2p.59-53f333; Breb.D.C.p.8; Lewis N. & R.S.p.71;
Roper, Thames; Mull: O'M.Keiguelen; Reinhard; Mobile;
(Melosira; -O., Mel., & Paralia sulcata; -Paralia.)
MIRABILIS, S.B.D.2p.53; T.M.S.1853p.39; Carr.p.91; Deby D.T.p. ;
(Liparidocera aculeolata; -Mel. Roseana.)
NIVALIS, Kitton.-Mull; S.G.1863p.37, ff12; -(Mel.; -Coscino. minor.)
OCEANICA, Btw.-M.J.1860p.93-3f13; Carr.p.92;
(Coscino. minor; -Endietya; -Melosira.)--
OPERCULATA, K.-Heib.p.32; Cl.1863p.217; (Cyclot.)-
ORICHALCEA, S.B.D.2p.61-55f337; Braemar; Mull; Heib.p.31;
Cl.1863p.216; O'M.I.D.p.255; Gallia, Papan;
(Aulacosira crenulata; -Melosira; -Gaillonella, Mel., & O. Italica; -
Gaill. Crotonensis & o.)-
PUNCTATA, w.S.-M.J.1854p.100-4f133; S.B.D.2p.52-52f339; Heib.p.31;
Cl.1863p.217; Carr.p.91; Mull; O'M.I.D.p.251; Amazon: Strose,
Kleiken p.15-1f32;
ROSEANA, E.-Eul.-Sp.1.73; Carr.p.91; O'M.I.D.p.255-25f9;
(Melosira; -O. spinosa.)--
ROTULA, K.-Heib.p.32; Cl.1863p.217; (Cyclotella.)--
SCULPTA, E.-V.H.S.--- (Melosira)
SOL, E.-V.H.Syn.- (Melosira.)
SOLIDA, Eul.-M.T.P.4-6-12; (Mel.)
SPINOSA, w.S.-A.M.N.4.1855p.3-1f12; 1858p.250-4f14-17; S.B.D.2p.51-
3f333; Mull; Deby D.T.p. ; Carr.1873p.14; -(Mel. & O. Roseana.)
SULCATA, Carr.p.91; O'M.I.D.1.252; -(Discosira; -Mel.; -O. marina; -Paralia
TENUIS, Rabh.K.Fl.p.14; Strose Kleiken p.15-1f31; (Melosira.)

ORTHOTROPIS.-(Cleve, 1894)

A Subgenus of Amphirore; -Cleve, LeD. Vol. 2, p. 53, 1894.---

OSCILLATORIA.-(Jurgens)

- MAJUSCULA, Jurgens Alg. Exs. Decad. 4, No. 7: Ag. Cons. p. 21.
(Berkeleya rutilans, v.; -Schizonema lutescens.)---
OCHRACEA, Grev.-Hooker's British Flora; (Melosira.)
PAXILLIFERA, Schrank.-Proc. Acad. Leopold., Vol. XI, pt. 2, p. 534;
(Bacillaria paradoxa.)--

PALMERIA.-(Greville, 1865)

- HARDMANIANA, Grev.-A.M.N.4.1855p.2-5f1-4; Sr. Sp. 1. No. 337;
Malaisie; Cl. Vega p. 514;
VULGARIS, Kitton.-Grevillea p. 33 cum icona: -(Alp. flora. complexa.)

PANTOCSEKIA.--(Greville, 1865)

- CLIVOSA, Grun.-Part. I, 47-2f253; Notul. 1863p.533; Part. 2, 31;
Det. Syll. p. 1351;

+ Lulcata + Heiberg 1862 p. 33: Ostrop 1897 p. 346:
Ost. 1897 p. 24:

- , Atlas I76f30, 31, 33, 50-54;
 CONCENTRICA, A.S. Atlas I76f47-49;
 DEBII, Pant. 3p. -33f475; Del. Syll. p. I35I;
 HOKKAIDEANA, Pant. 3p. -29f423; Del. S. p. I35I;
 MARINA, W.S. -Heib. p. 33; Cl. I367p. 66I; I368p. 2I7;
 (Orthosira; -P. sulcata.) -
 ORNATA, Grun. -V. u.S. (Melosira.)
 PETROI, Pant. 3p. -27f407; Del. S. p. I35I;
 POLYCYSTINICA, Pant. 3p. -2If307; Del. S. p. I35I;
 RUSSICA, Pant. 2p. 79-27f396; Atlas I75f8-10; Del. Syll. p. I35I;
 SARATOVIANA, Pant. -Del. Syll. p. I35I; (Mel. ornata, v.)
 SEPARANCA, A.S. -Atlas I76f40, 41;
 SULCATA, E. Cl. I373p. 7; I373p. I3; Lagr. I373p. IO; Deby Polara p. 20; J.
 Q.C. I335p. I74; I337p. 35; Grun. I334p. 4I-5f35; Atlas I76f15, 16, 24-23,
 32, 33, 35-37, 39, 44, 46, 54, 60, 67; Pant. 2p. 79; Del. S. p. I349;
 v. biseriata, Grun. I334p. 42; Pant. 2p. 79; Atlas I76f45; Del. S. p. I350;
 v. crenulata, Grun. I334p. 42-5f34; Pant. 2p. 79; Del. S. p. I350;
 v. genuina, Pant. 2p. 79; Atlas I76f34;
 v. " formae coronata, plana, radiata, radiolata, Pant. 2p. 79;
 v. hungarica, Pant. 2p. 79-I3f295; Del. S. p. I350; 18f197;
 v. " forma coronata, Del. S. p. I350; Grun. I334p. 42; Atlas I76f20, 21;
 v. " hexagona, A.S. Atlas I76fI7, I8;
 v. " plana, Del. S. p. I350; Grun. I334p. 42;
 v. " for. polygona, A.S. Atlas I76fI9;
 v. " for. radiata, Atlas I76f9, 22, 23, 29; Del. S. p. I350; Grun. I334p. 42;
 v. " for. radiolata, Del. Syll. p. I350; Grun. I334p. 42-5f35;
 v. crenulata, forma coronata, Atlas I75f6;
 v. " forma plana, Grun. I334p. 42; Del. S. p. I350;
 v. " forma radiata, Atlas I75f7;
 v. " forma radiolata, Grun. I334p. 42; Del. S. p. I350;
 v. multifaria, Grun. -Del. Syll. p. I350;
 v. multifasciata, Grun. I334p. 42; Pant. 2p. 79; v. Sibirica,
 v. Sibirica, Lagr. I373p. IO; Grun. I334p. 42-5f36; Pant. 2p. 79, 30;
 Atlas I75f9, I5; Del. Syll. p. I350;
 v. Sib., forma coronata, Grun. -Atlas I75fII; Del. S. p. I350;
 v. Sib., forma radiata, Grun. -Atlas I75fI2-I4; Del. Syll. p. I350;

PARELION. -- (A. Schum, 1889)

THUMII, A.S. Atlas I44f59-61; Del. S. p. 937; -- (Ornithocercis magnificens.) --

PENTAPODISCUS. -- (Schum, 1889)

GERMANICUS, E. -Abh. Ber. I343p. I66; (Eupodiscus quinarius & c.) --

PEPONIA. -- (Grev, 1863)

BARBADENSIS, Grev. -T.M.S. I363p. 73-7f25; Atlas I44f43, 49;

Rattr. Review p. 673; Del. Syll. p. I370;

LAEVIS, A.S. Atlas I44f50; Del. S. p. I370;

PERACALLIA. -- (Schuett, 1870)

-, Led. Vol. 2, No. 22, p. 220;

Phæoceros.

Subgenus of Chaetoceros: Gran, N. H. Ex., 1897.

- , A.J.S. 13451. 327-4f15-17;
 -, Bailey So. p. 14, f53;
 CAPRA, E. - ~~Mun~~ Ber. 13441. 271; V.S.A. 1. 26; Weiss 13541. 245, f"A";
 M.D. pl. 43f67; Woll 64f36; Mik 849; (Dielis c. & capisolia.) -
 CERVUS, E. - Abh. B. 13441. 271; V.S.A. 1. 26; (Dielis.)
 CHLAMYDOPHORA, E. - ~~Mun~~ Ber. 13441. 271; Mik. 11. 13f93a, b; V.S.A. 1. 26; M.
 D. pl. 41f41, 42; Prit. p. 365-3f25; Woll 67f15; Det. Syll. p. 1007;
 SEXOGALLICA, Bn. & H. - Herib. 1. 133-2f7; 7a, b, c, d;
 TETRACLAZIA, E. - ~~Mun~~ Ber. 13441. 270; Mik. 11. 33-13f9; V.S.A. 1. 26; M.
 D. pl. 43f66; Prit. 1. 365-6f30; Woll 67f17-19; A.M.N. 13911. 1. 2f35;
 Pant. 2, p. 74; Det. S. p. 1007;

PERISTEPHANIA. - (Ehrh., 1842)

- BAILEYI, E. - Abh. Ber. 1370, pl. 3-1f13; Woll 74f15;
 EULYCHIA, E. - Abh. B. 13441. 240; Mik. 11. 35B-4b, f14; Prit. 1. 324-5f73;
 M.T.P. 4-1-3; Woll 64f13;
 LINEATA, E. - Mik. pl. 33-12f22; Abh. B. 1370 p. 53; Bailey Coll.;
 Prit. p. 324; (Stephanopyxis ambigua.) ----

PERITHYRA. - (Ehrh., 1853)

- AUSTRALIS, E. - Abh. Ber. 1369 p. 52, pl. 2-2f16;
 DENARIA, E. - Mik. pl. 35A-9f5x; Prit. 1. 342-3f19; - (Coscinodis radiatus, v.)
 QUATERNARIA, E. - Mik. pl. 35A-9f6x; Prit. p. 342; (P. denaria, v.) -
 SEPTENARIA, E. - Abh. Ber. 1372 p. 210;

PERIZONIUM. - (Cohn, 1862)

- BRAUNII, Cohn & Jan. Mss., 1362 cum icone; Schum. 1367 p. 53-2f56; M.D.
 pl. 42f42; R.E.D. p. 223, f61; Det. Syll. p. 312;

PERONIA. - (Breb., 1868)

- ANTIQUA, Grun. 1362 p. 140-29f8, 9; Det. Syll. 1. 349;
 BORYANA, Pant. 3p. - 3f126;
 ERINACEA - Breb. & Arn. - M.S. 1363 p. 16; J.Q.C. 1370 p. 33-3f3; V. & S. 1.
 145-36f19; Det. S. p. 349;
 (Fibula; - Gomphonema & Syneura fibula; - Syn. spinulaeformis.) -
 HERIBAUCII, Bn. & Per. - Herib. p. 155-1f1a-c;

PERRYA. - (Mellon, 1874)

- GRUNDLERII, Kitton. - ~~apud~~ ? (Mitschke.)
 PULCHERRIMA, Vitt. - M.M.S. 1374 p. 213-3f1-3;
 WEISSELOGII, Vitt. - ~~apud~~ ?

POLYCTAENIA. - (Mellon, 1874)

- MARITIMA, V.S.A. 1. 93; Prit. p. 925; R.E.D. 1. 263; (Mitschke.)
 MINUTA, V.S.A. 1. 93; Prit. 1. 325; R.E.D. 1. 263; (Mitschke.)

PINNULARIA. - (Ehrh., 1842)

- , E., Abh. Ber. 1342 p. 337; -, Abh. B. 1370 p. 1. 1b, f32;
 -, Mik. pls. 7-3a, f6, 7; 16; -, 15'A' f17;
 -, Mik. 35A-7f19; -, Mik. 37-2f14;

Leiorhaphia, Cl. Nav. 2p. 86: - (Frustralia.)

" v. maxima, Cl. Nav. 2p. 86: - (Navia v. Sandvici.)

" v. sandvicensis, A.S. Atlas 43 f 14 15:

" for. minor, A.S. Atlas 43 f 23: Cl. Nav. 2p. 86:

" v. turgidula, Cl. Nav. 2p. 86: -

" v. undulata, Cl. Nav. 2p. 86:

" varis, Cl. Nav. 2p. 86: Atlas 43 f 18:

Aestuarii, Cl. Nav. 2p. 93-1 f 16:

ambigua,

" v. digitus, A.S. - Cl. Nav. 2p. 95: (Amphora d.)

xxxxxxxxxxxx

- , Mik. pl. 33A-7f2^B ; - , Mik. 394-2fI(Ag), 6(Aa):
 - , Bail. Am. Nat. 133p. 510-13f10; - , Pfitzer p. 40;
 - , Bailey So. p. 14, f5I; - , Tanaruk 1379p. 32;
 - , Jan. Gd. p. 12-1a, f27; - , J. Q. C. 1332p. 133; *Nav. 22f14*
 - , J. Q. C. 1377p. I, f1-3; - , V. A. S. p. II:
 - , Casti. 1337p. 23-15fI; *Nav. 10 (7-14)*
 ACROSPHAERIA, Breh. - R. S. D. p. 45-6f33; S. B. D. II. 53-19f133; Carr. p. 109; S. G. 1337p. 133, f144; Cl. 139II. 27; / 70 (Nav. a. x cancellata.) ----
 ACUMINATA, S. B. D. II. 55-13f134; R. Abh. E. No. 585; Brachar; Mill:
 Carr. p. 109; New Zealand; R. E. D. p. 213; *Nav. 10 (7-14)* (Navicula.)
 ACUTA, S. B. D. II. 55-13f17I; Brachar; Mill; Schur. 1307p. 50; Mill; R. E. D. p. 217; Roper, Thames; Delogne; Strose, Kl. p. 9-1f2: - Fresen.
 Senk. I. 34-4f29xx; (Macr. - (Nav. amp. ioxys x oxyptera; - Nav. radiosa, v.) ----
 ACUTUSCULA, Greg. - T. M. S. 1356p. 47-5f2I; Carr. p. 109;
 R. E. D. p. 213: (Nav. a. 8-directa, var.)
 AEQUALIS, E. - Amer. p. 131; Mik. pls. I-3f20; 5-1f11; 13-2f10b; 14f40;
 15A, f22; 17-2f14a: 39-1f33; 39-3f9I; Nord. p. -2f55; Abh. B. 137I, pl. 1a, f9; 2-1f19; R. S. D. p. 44; A. J. S. 135I, f55; (Nav.)
 AFFINIS, E. - Abh. B. 1347p. 430I. 2-2f34; Weiss 135I. 275-1f26: (Nav.) --
 ALLMANIANA, Greg. O. C. I. 13-1f2I; Carr. p. 109:
 (Cocconeis Quatnerensis; - Nav.) ----
 ALPINA, S. B. D. II. 55-13f133; Brachar; Mill; R. Bac. Exs. No. 42a; Carr. p. 110; R. E. D. p. 213: *Cl. Nav. 2p. 81:* (Nav.)
 AMBIGUA, E. - Mik. p. 6: *Cl. Nav. 2p. 94i - (Nav. a. 4-reducta)* (Nav.)
 AMERICANA, E. - Mik. p. 333; (Nav.)
 AMPHICEROS, E. - Abh. Ber. 1345p. 179; R. S. D. p. 44-6f45; Hoffmann, Marburg; (Nav.)
 AMPHIGOMPHUS, E. - Amer. pl. 2-1f27; Mik. pl. 14f11; R. S. D. p. 43-3f47;
 (Nav. a., var., & oxyptera.) ---
 AMPHIOXYS, E. - Amer. p. 132; Mik. pls. 2-2f17; 5-1f20; 7-3a, f4; 9-1f13;
 11f25; 14f19; 15A, f13, 19; 15B, f9; 16-3f29; 33-14f13; 35A-7f13;
 37-1f17; 39-3f92: Nord. p. -2f62; R. S. D. p. 43; Weiss Gd. p. 307-2f53; (Nav. radiosa, & a.)
 AMPHIPRORA, E. - Amer. p. 132; R. S. D. p. 43; (Nav.)
 AMPHIRRHYNA, E. - Mik. pl. 15A, f20: (Nav.) -
 AMPHIRRHYNCHUS, R. Abh. S. D. p. 43; R. E. D. p. 224; Weiss 1354p. 334-4f33; Ebert, Cassel; (Nav.)
 AMPHISBAENA, E. - Mik. pl. 33-1f7; 37-1f13; (Nav.)
 AMPHISPHAENIA, E. - Abh. Ber. 1345p. 179; (Nav.)
 AMPHISTYLUS, E. - A. Ber. 1345p. 79; R. E. D. p. 224; (Nav.)
 ANOMALA, E. - Mik. p. 173; (Nav.)
 ANTARCTICA, E. - Mik. p. 233; (Nav.)
 APICATA, E. - Mik. p. 333; (Nav.)
 APICULATA, Greg. - M. J. 1355p. 40-4f2I; S. B. D. 2p. 103; Carr. p. 103; (Nav. & P. Gregoryi; - Nav. cancellata, v., & 10stellifera.)
 APIS, E. - Abh. B. 1344p. 31; Amer. p. 132, pl. 3-7f13; R. S. D. p. 43-6f23; (Diploneis; - Nav. a., didyma & interrupta.) ---

1. *actinula*; - var. ap. var. *error*; - var. *naviana*. -
> " *B. ...*, Gn. - Cl. Nav. 2 p. 75: - (var. *Bud.*) -

> *Balfouriana*, Gn. - Cl. Nav. 2 p. 80-1f18:

+ *... ..*, (*P. interrupta*;

> " var. *stauroneiformis*, cl. - A. cl. 1895 p. 11:

Bogotensis, Gn. - Cl. Nav. 2 p. 83: - (var. *Bog.*)

+ *Borratis*, Cl. Nav. 2 p. 80: 3 - 13f3: ~~3f4-1f5~~

Brevissonii, K. - Cl. Nav. 2 p. 78: - (*K. monomorum*, p. p. -

" var. *notata*, Herib. - Cl. Nav. 2 p. 78: - (var. *not.*; - *P. stauroneiformis*, p. p.)

+ *brevicostata*,

" *V. Demerarae*, Cl. Nav. 2 p. 86: -

" var. *tenuis*, A. cl. 1895 p. 7-1f4:

> *cardinalicinus*, Cleve Nav. 2 p. 79-1f12:

- > ARRANIENSIS, O'M.-M.J. 1837p. 113-5f6; (Nav. nitescens.) ---
 ASPERA, E.-Abh. Ber. 1840p. 213; Mik. pl. 13f25; Nord. p. -2f75; (Nav.) --
 ASPERULA, E.-Abh. Ber. 1854p. 334; R.E.D.p. 225; (Nav.)
 AUSTRALIS, E.-Abh. B. 1845p. 334; Mik. p. 13; (Nav.)
 BACILLARIS, E.-Mik. p. 90; (Nav.)
 BACILLUM, E.-A. Ber. 1838p. 130; (Nav.)
 BARBADENSIS, E.-Mik. p. 356; (Nav.)
 BICAPITATA, Lagr.-Cl. 189Ip. 23;
 + BICEPS, Greg.-M.J. 1853p. 6 -1f23; Carr. p. 103; Hoffmann, Marb.;
 (P. diocephala & interrupta; -Nav. bicapitata.) - Cl. 189Ip. 23;
 BIPRORA, Bailey Coll.; (Platogramma lyratum.) -
 BIROSTRIS, E.-Abh. B. 1842p. 337; Mik. pls. 15(A)f24; 16-1f17;
 Carr. p. 103; R.E.D.p. 224; (Nav.)
 BOMBUS, E.-Abh. B. 1844p. 30; Mik. pl. 19f31; R.S.D.p. 45; -(Diplonensis-Nav.) -
 BOREALIS, E.-Amer. pls. 1-2f6; 4-1f5; 4-5f4; Mik. pls. 1-2f6; 1-3f5; 11f
 22; 16-2f5; 33-3f5; 34-1b,f3; 34-2f4; 34-11c,f2; 34-12a,f9; 35A-3f3;
 35A-1f2; 36A-7f1; 36A-17f5; 36A-2a,f6; 36A-20f6b; 39-1f41; 39-2f2;
 39-3f93,94; 36A-15f2; A. Ber. 1871p. 1e,f10; Noed. p. -2f52; A.J.S.
 1351,f51; R.S.D.p. 42-3f19; R. Bac. Exs. No. 64; Weisse 1851p. 273-1f1;
 Gu. p. 307-2f57; S.B.D. 2, p. 94; New Zealand; Hull; Carr. p. 109; R.E.D.p.
 216; Brun Alp. p. 32-3f11; Prollius p. 65; Gallik, Pagan; Kirch. Al. Sch.
 p. 175; Deby D.T.: Hoffmann, Marb.; Spamer, Dier; Cl. 189Ip. 30; 1895p. 11;
 (Nav.; -P. Chiliensis, Hebridensis, latestriata.) --
 ' var. 'a', Ehrb.-Mik. pls. 36A-15f8; 36A-16f1,2;
 ' var. 'b', E.-Nord. p. -2f53; Deby D.T.:
 ' v. Caraccana, Brun Alp. p. 33; (Pinn. C.) -
 ' v. minivaga, E.-Mik. p. 115pl. 34-12a,f9; (Nav. B.) -
 ' v. subacuta, E.-Mik. p. 115pl. 35B-2a,f6; (Nav. B. 1.)
 ' v. scalaris, R.E.D.p. 216; Cl. Nav. 2p. 81; -(Stauroptera B.; (Nav. B.)
 BRAMANORUM, E.-Mik. p. 140; (Nav.)
 BRANDELI, Cl. 189Ip. 23-1f3,9; Cl. Nav. 2p. 83;
 BRAUNII, Grun.-Cl. 189Ip. 29; a. cl. 1875p. 10; (Nav.) Cl. Nav. 1p. 75;
 BREBISSEII, Rabh. E.D.p. 222; R. Bac. Exs. 65; Brun Alp. p. 33-3f13; Cl.
 189Ip. 23; Delogne; Gallik, Pagan; Cl. 189Ip. 23; (Nav.; -P. stauroseiformis.) ----
 ' v. angusta, Rabh. E.D.p. 222; (Nav.)
 ' var. 'd' cruciformis, R.E.D.p. 222; (Nav. c.)
 > ' v. dimirita, Grun.-Cl. 189Ip. 23; Cl. 189Ip. 23; Nav. 2p. 75; (Nav.)
 ' v. subcapitata, R.E.D.p. 222; (Nav.)
 + BREVICOSTATA, Cl. 189Ip. 25-1f5; 1845p. 7; (Nav.)
 > ' v. leptostauron, Cl. 189Ip. 25; Atlas 43f25; Cl. 189Ip. 25; (Nav.)
 BREVISTRIATA, Grun.-Cl. 189Ip. 23; (Nav.; -P. niglobursa.)
 CAFFRA, E.-Mik. p. 254; (Nav.)
 CAPENSIS, E.-Mik. p. 242; (Nav.)
 CAPITATA, E.-Abh. Ber. 1843p. 13; Mik. pls. 35A-1f4; 37-3f9; R.S.D.p. 44-
 5f3; Schum. 1852p. 132-3f34; Hoff. Marb.; Spamer, Dier; -(P. c. v. l. 1895p. 11;
 CARACCANA, E.-R.S.D.p. 42; -(P. borealis, v.)
 CARBONUM, E.-Ab. Ber. 1846p. 170, 1. 2; (Nav.)

+ avicularis, Lf. 4. x Cl. Nav. 2p. 96: - (Nav. Rath. E. D. p. 221: -
" var. javanica, Cl. - Cl. Nav. 2p. 96: -

constricta, of Cl. Nav. 2p. 98 - 1 f 14: -

conspicua, A.S. - Cl. Nav. 2p. 88: - (Nav. con

conciata, 1st, Nav. 2p. 97: - (Nav. -) -

conformis, - (N. elata) -

" cr. v. brev., Cl. Nav. 2p. 97: (Nav. cr. v. brev.) -

" Seychellensis, Gn. - Cl. Nav. 2p. 97: - (Nav. S.) -

" Upolensis, Gn. - Cl. Nav. 2p. 97: - (Nav. Up.) -

Rachis,

" v. Sariana, A.S. - Cl. Nav. 2p. 90:

" v. Stenocarpa, Cl. Nav. 2p. 90: atlas 43 f 29:

" Stenocarpa, 1st, Nav. 2p. 90: - (Nav. Stenocarpa) -

: : : : : :

CARDINALIS, E.-S.B.D. Ip. 55-19f166; Mull; Carr.p. 110; Hall; R.E.D.p. 220; Schum. 1867p. 575. C. 1863p. 33, f36; Brin Al. 1. 35-3f23; Cl. 139 Ip. 21: *Cl. nav. 2p. 94*: (P. episcopalis; -

N. (& Stenoneis) e., & stenopectera; -Stenoneis: *Stenoneis*

CAROLINENSIS, E.-Mik. 1856p. 71:

CATHERINAE, E.-Mik. p. 311:

(Nav.) --

CHILIENSIS, E.-Amer.p. 132, pl. 1-2f2; Mik. pls. 34-11c, f3; 35A-17f3;

R.S.D.p. 42-6f13; R.E.D.p. 225; *R. Al. 5. 35-3f23*; (Nav.)

CHILENSIS, Bleisch, 1863; *Adw. Vol. 21. 23-4f1, 2*; R. Al. En. No. 335;

(P. borealis, Hebridensis & latestriata.) ----

CINCTA, E.-Mik. pl. 10-2f6; R.E.D.p. 226: ---- (Nav.)-

COCCONEIODES, Rabh. S.D.p. 46-6f13; Prollius p. 64; Spamer, Duren;

Hoffmann, Marburg:

(Nav. e. & elliptica.)

COCCONEIS, E.-Abh. Ber. 1842p. 337; Mik. pls. 35A-7f19; 15A, f17: -(Navic.)--

COLISSII, O'M.-M.J. 1870p. 202:

COMPLANATA, E.-Nord.p. -2f54;

(Nav.)

COMPRESSA, E.-Abh. Ber. 1860p. 322:

(Nav.)

CONOPS, E.-Amer.p. 132, pl. 3-7f20; R.S.D.p. 46-6f29;

(Diploneis; -Nav.)-

CONSTRICTA, O'M.-M.J. 1877p. 113-5f8, 86;

(Nav. fortis.)--

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" var. "b", E.-Mik. pl. 16-2f9;

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DECUSSATA, E.-Abh. Ber. 1845p. 364; R.E.D.p. 225:

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" v. curta, gn. - Cl. Nav. 2 p. 81: - (Nav. l., v. curta.)

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" " herosina, A.S. - Cl. Nav. 2p. 89: - (Nav. L.)

" " asymmetrica, Cl. Nav. 2p. 89-1522:

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 " v. crassior, Grun.-Cl. I39 Ip.29: (Nav. globiceps, v.)--
 " v. interrupta, Brun Alp. p.37-3f9b; (P.int.; -Nav. mesolepta, v.)----
 " v. nivalis, Brun Alp. p.37-7f31; (P.niv.; -Nav. mesolepta, v.)----
 " v. nodosa, Brun Alp. p.37-7f29; (P.nod.; -Nav. mesolepta, v.)----
 " v. termes, Cl. I39 Ip.29;
 MESOTYLA, E.-Mik.pl.13-3f27: (Nav. mutilata.)
 MOLARIS, Grun.-Cl. I39 Ip.29: (Nav. m. & macra; -N. appendiculata, v.) 1895 p. 11:
 MICROSTAUROS, Cl. I39 Ip.23; A. cell. 1895 p. 9: Cl. Nav. 2p. 77:
 (Nav. bicaj, v. simplioides & Bleissoni; -Stenonopsis; -Stenoptera.)----

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- MONILE, E.-Abh.Ber.1340p.214; Mik.pls.14617; 17-1112; R.S.D.2.45;
R.E.D.p.220: (Nav.m. & mesolepta, v.)--
- MONONEIS, E.-Mik.pl. 18 f 1082 ~~P. di ce p h a~~ (P. quadrifasciata.)--
- MUSICA, Bailey Coll.; (Plagiogramma Gregorianum.)---
- MUTABILIS, Greg.-T.M.S.1355p. -2f13b; S.B.D.21.103;
(Nav.exigua, m., & varians.)-
- NANA, Carr.p.110: ~~Schl. H.D.p.~~ -2f23,24;- (Nav.)
- NAVEANA, Rabh.E.D.p.222; (Nav.)
- NOBILIS, E.-Abh.Ber.1340p.20; Amer.pls.2-1f25; 2-2f3; Mik.pls.3-1f1;
3-2f1; 3-4f1; 4-1f2; 4-2f2; 4-6f13; 5-1f15; 5-3f1; 14f1; 15A, f13;
15B, f7; 17-1f3; 17-2f3; 33-3f17; 33-9f3; 35A-3f11; 39-3f99; R.S.D.1.
44-3f2; R.Alg.Eur.Nos.343, 1435 sub; Mull: S.B.D.11.54-17f11; Carr.
p.109; Schum.1332p.137; Mull; Girard Ross.1.10-1f13; Knoch, Alp. Schl.
p.174; R.E.D.p.209; Dittel, 1370p.10-2f13a-c; Hoffmann, Marburg; Brun
Alp.p.34-3f6; Ebert, Cassel; Carr.1331p.353, f192 sub; Gallik, Papan;
Mobile; Cl.13911.21: & Mik.pl. 2-2 f 1082; Cl. 1891 (Navicula)
- v.major, Brun Alp.p.34-3f1: -(P.m.)
- NODOSA, S.B.D.2p.93; S.G.1333p.33, f37; Carr.p.103; R.E.D.1.220; Ebert,
Cassel; Gallik, Papan; Cl.13911.29: (Nav.; -P.leptum & mesolepta.)
- NORMANNII, Rabh.E.D.p.217: (Nav. & P.cylindrus, w.S.)--
- NORVEGICA, E.-Abh.Ber.1340p.157; Weiss.1340p.77; Mik.pl.
33-15f9: (Navicula.)
- OBLONGA, K.-Rabh.S.D.1.45-3f6; S.B.D.11.55-13f15; Front.; Schum.1332
p.133; Weiss. 1334p.361-4f32; Carr.p.109; Roper, Thames; Mull; R.E.D.
p.213; Brugger p.233; Brun Alp.p.32-3f3; Delogne; Hoffmann, Marburg;
Strose, Kleiken;
(Frustulia ocellata; -Nav.; -Nav(& P.)Macilenta & polyptera.)-----
- var."b", media; Brugger p.233;
- v.macilenta, Rabh.E.D.p.213; Isaw.Vol.2p.133; (Nav.m.)--
- OBLONGO-LINEARIS, Koslowski, Alg.Sibiric.1.417-17f5a, b; Bot.Chlt.
1339p.40; Arb.Nat.Gess.1390p.395-433 cum icones; J.R.V.S.1390p.73;
- OCEANICA, E.-Abh.B.1344p.204: (Nav.)
- OHIENSIS, E.-Mik.1356p.71: (Nav.)
- OREGONICA, E.-A.Ber.1345p.79: 1370p.1.2-1f10, II; Mik.1356p.12:
R.E.D.p.225: (Nav.)
- OTRANTINA, Rabh.S.D.p.44-3f2: (Nav.)
- OVALIS, Hilse, 1360p.32; ??
- OXYLEPTA, E.-Mik.1356p.71: (Nav.)
- OXYTRACHEA, E.-Mik.1356p.71: (Nav.)
- PACHYCEPHALA, Rabh.S.D.p.43-3f40; Hoffmann, Marburg; (Nav.)
- PACHYPTERA, E.-Amer.p.133, pl.4-2f9; Mik.pls.35A-2f17; 35A-17f7;
R.S.D.p.45-3f11; R.E.D.1.224; (Nav. & P.lata; -P.megaloptera.)
- PANDURA, Greg.D.C.p.17-1f22; Carr.p.103; Reinhard;
Nav.p., var., & erabio.)-
- PARMULA, Breb.-R.E.D.p.216: (Nav.)
- PARVA, Greg.-M.J.1354p.93-4f11; S.B.D.2p.103; Carr.p.103;
R.E.D.p.216; Cl. Nav. 2p. 87; (Nav.parvula.)--

163, (N. Har. 2p. 96-172 v. Atlas 407), 09-

- quadrata area, A's. - Cl. Har. 2p. 95: - (Har. Prim. et quadrat.)
- 3 " var. Baltica, Gn. - Cl. Har. 2p. 95: - (Har. Prim. v. Balt.) -
- 4 " " interrupta, Cl. - Cl. Har. 2p. 95: - (" " v. inter.) -
- 9 " " Seychellensis, Gn. - Cl. Har. 2p. 95: - (Har. Prim. v. Seychell.) -
- 10 " " Soderlundii, Cl. - Cl. Har. 2p. 95: - (" " v. Sod.) -
- 13 " " Tahitensis, Gn. - Cl. Har. 2p. 95: - (" " v. Tahit.) -
- 2 " " asymmetria, Cl. Har. 2p. 96: - (" " v. asym.) -
- 1 " " amphiglotia, Gn. - Cl. Har. 2p. 96: - (" Stux. " amph.) -
- 4 " " fluminensis, Gn. - Cl. Har. 2p. 96: - (Har. flum.) -
- 5 " " Keruelensis, Gn. - Cl. Har. 2p. 96: - (Har. " v. Kerq.) -
- 6 " " leptostauron, Gn. - Cl. Har. 2p. 96: - (" Stux. v. lept.) -
- 8 " " minor, Gn. - Cl. Har. 2p. 96: - (Har. Stux. flum. v. m.) -
- Unguentaria, Gn. Har. 2p. 82: - (Taur. Semicruciat.)
- (Har. Troyana et Forarmensis: -
- 7 " quadrata area, v. xocyti, Pt. - Cl. Har. 2p. 96: - (Har. Loc.)
- 14 " var. v. baobabina, Gn. - Cl. Har. 2p. 96: - (N. Stux. v. subent.) -
- 15 " " Thelii, Cl. - Cl. Har. 2p. 96: - (N. Thelii.) -
- 11 " " Stuxingii, Cl. - Cl. Har. 2p. 96: - (Har. Stux. Cl.) -
- 12 " " subducta, Gn. - Cl. Har. 2p. 96: - (" Prim. v. subp.) -

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- PASSERINI, Denot.-Erb.Critt.Ital., Series II, fasc.2, No.31: (Nav.)-
- PEREGRINA, E.-Amer.p.133, pls.1-1f5, 6; 2-4f1; 2-5f22; 3-1f3; Mik.pls.
1-3f17; 13f33; S.B.D.1p.55-13f170; New Zealand; Hall; R.S.D.1p.40-
3f10; Schum.1367p.56; Lew.N. & R.S.1p.71; Roper, Thames; D.C.V.S.1363p.
16; R.E.D.p.213; Hoff.Marb.; -*Abh.Ber.241p.327*: (Nav.)
- var., E.-Mik.pl.33-5f7;
- PERMAGNA, Bailey M.O.p.40-2f23, 33; R.E.D.p.225: (Caloneis; -Nav.)----
- PETERSII, E.-Abh.Ber.1345p.364: (Nav.)
- PISCICULUS, E.-Amer.pl.2-1f30; R.S.D.p.44-6f43; Ebert, Cassel:
Spamer, Duren; Hoffmann, Marburg; (Nav.)
- PLACENTULA, E.-Amer.p.133, pl.3-7f22; Mik.pls.3-2f6; 3-3f5; 12f19;
15A, f21; R.S.D.p.44-6f16; Hoff., Marburg; (Nav.)
- PLATYCEPHALA, E.-Cl.139Ip.30-2f1; *Nav. 2p.79*: - (Stauroneis.)--
- PLATYSTOMA, E.-Mik.p.122:
- PLENA, O'M.-M.J.1367p.35: (Nav.)
- PLEURONECTES, E.-Mik.p.6: (Nav.)
- PLEUROPHORA, Kützing Alg.No.79; R.E.D.p.225: (Nav.)
- POLYONCA, Breb.-S.B.D.2p.95; Lew.N. & R.S.p.67-2f7; R.E.D.p.219;
S.G.1363p.86, f64; Cl.139Ip.30; (Nav.mesotyla, v., & p.; -P.unaulata.)
- POLYPTERA, E.-Amer.p.133; (Nav. & P.oblonga.)-
- PORRECTA, E.-Amer.p.133; Mik.pls.5-2f14; 3-1f12; R.S.D.p.45:
R.E.D.p.224: (Nav.)
- PRAETEXTA, E.-~~Abh.~~ Ber.1345p.214; Mik.pl.19f23;
- PREISSEI, E.-Mik.p.4: (Nav.)
- PTEROPHAENA, E.-Mik.p.79; (Stauroneis tiscula.)
- PUNCTULATA, Schum.1367p.55:
- PYGMAEA, E.-Mik.pls.10-1f9; 13-2f12; S.B.D.2p.103; M.J.1356p.
3-1f8: (Nav.humilis, hungarica & nana.)----
- QUADRIFASCIATA, E.-Abh.B.1339p.157; Mik.pl.19f25, 27; R.E.D.1p.214;
(Nav.fusca, lineata & q.; -P.mononeis.)-
- QUINQUENODIS, Grun.-Gallik, Papan: (Nav.)
- RABENHORSTII, Hilse 1360p.32; R.E.D.p.211; Hoffmann, Marburg;
(Nav.; -P.interrupta.)-- *P.minuta*; - *Rabh. Alg. Sacch. 119*:
- RADIOSA, Rabh.S.D.p.43-5f9; M.J.1354p.10-4f12; S.B.D.1p.53-13f173;
Carr.p.110; Roper, Thames; Hall; New Zealand; R.E.D.1p.214; Hall; Ebert
Cassel; Delogne; Hoff., Marb.; Spamer, Duren; Strose, Vl.: (*Nav. 78* (Kew. 24))
- var. angusta, Rabh.E.D.p.214: (Nav.a.)--
- var. avenacea, Rabh.E.D.p.214: (Nav.a.)-
- var. Silesiaca, Bleisch.-R.E.B.p.214; (Pinn.S.)-
- RAEANA, Castr.1337p.25-15f3; (Nav.)
- RECTANGULA, Greg.-R.E.D.p.215: *CC Nav. 2p.78* (Nav.); (Nav. *recta*)
- forma constricta, Rabh.E.D.p.215: *forma subundulata*, Grun. *CC Nav. 2p.93*
- for. triundulata, Rabh.E.D.p.215;
- RHAPHONEIS, E.-Mik.pl.35A-9f7; R.E.D.p.227: (Nav.)
- RHEANA, E.-Abh.Ber.1343p.10; Mik.pl.37f13p.35: (Nav.)--
- ROSTELLATA, Greg.D.C.p.15-1f20; R.S.D.1p.44-6f46; Carr.1p.103:
Hoffmann, Marburg; (Nav.apiculata.)----
- ROSTRATA, Greg.-M.J.1356p.4-1f14;

> decurrenda, A.S. - cl. nav. 2p. 88: - (Nav. A.) -

> semicircata, A.S. - A. cl. 1895 p. 9: - (Navicula S.)

singularis, A.S. - (cl. nav. 2p. 86: - (Nav. fin. -)

> Spitzbergensis, cl. - A. cl. 1895 p. 8: cl. nav. 2p. 82-1 f 13:

" var. stomatophora, cl. nav. 2p. 82:

> Stagentonic, Gn. - cl. nav. 2. p. 98: - (alloionis; Amphora naviculacea.)

+ Stauroptera,

" var. capitata, A. cl. 1895 p. 8:

" " gibba - , A. cl. 1895 p. 8:

> Stomatophora, v. ornata, A. cl. 1895 p. 8-1 f 3:

" var. continua, cl. nav. 2 p. 83:

+ Streptoraphe, A.S. - cl. nav. 2p. 93: (var. strep. viridis, v. stabilis.) -

" v. styliformis, Gn. - cl. nav. 2p. 93: - (var. styl.) -

" v. minor, cl. nav. 2p. 93: - (nav. vir., pp.: - Pin. vir. v. minor.)

" var. gibbosa, A. cl. 1895 p. 6-1 f 1:

subcapitata, var. minor, cl. - cl. 1895 p. 6: - (P. viridis, var. m.)

subcapitata, var. minor, cl. - cl. 1895 p. 6: - (P. viridis, var. m.)

> subcapitata, v. Hillebrandi, A. 2. 1895 p. 101: - (Nav.) -

> sublinearis, Gn. - cl. nav. 2p. 74: - (nav. S.: - P. linearis)

> subovata, cl. nav. 2p. 84: - (N. decurrenda var.: - Argemon, var.: - Scythica A.S.)

" v. brevistriata, Gn. - cl. nav. 2p. 84: - (N. subst., v. bvi)

" var. linearis, Gn. - cl. 1895 p. 9: - (Navicula) nav. 2p. 84:

" " australensis, cl. nav. 2p. 84: -

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- ROTUNDATA, E.-Mik.pl.7-3a, f13a, b; (Pinnularia.)--
- RUPESTRIS, Hoffmann, Marburg; Gallik, Pagan; *Alc. 1897 p. 8* (Nav.?)--
- SABAE, E.-Mik.1350p.71; (Nav.)-
- SCHOMBURGKII, E.-Abh.Ber.1345p.30; R.S.D.1.43; (Nav.)
- SCUTELLUM, O'M.-M.J.1339p.151-12f5; (Nav.)
- SEMEN, E.-Mik.pls.6-2f10; 11f20; 14f12; 33-10f23; 55-14f19;
37-1f19; Schum.1362p.132-3f35; (Nav. capitata & s.)-
- SEMILUNUM, E.-Abh.B.1342p.65; ?
- SEMIPLANA, Grev.-M.J.1359p.34-3f12; (Nav. ang. 1108, v., & s.)----
- SIGNATA, E.-Mik.pl.34-6a, f7; - *Nav. 1897 p. 8* (Nav.)
- SILESIACA, Bleisch, 1362p.31; Rabh. Alg. 954; *Friesen's Silesiaca*,
p.33-4f25-29; *N. silesiaca* sp. n. (Nav. radiosa, s., & viridula, v.)
- SILICULA, E.-Abh.Ber.1353p.233; (Nav.)
- SILLIMANORUM, E.-Amer.p.134; *Cl. Nav. 2 p. 84*; R.S.D.1.44; (Nav.)
- SIROKIANA, E.-Mik.1353p.71; (Nav.)
- SOLARIS, Grev.-Carr.p.110; (Nav.)
- STAURONEIFORMIS, S.B.D.1p.57-19f173; M.J.1354p.99-4f10; full;
Roper, Thames; New Zealand; Peucinio p.12-2f20, 21;
(Nav. & P. Brebissonii; -Nav. hemiptera, v.)
- v. latialis, Casti.1337p.12;
- STAUROPTERA, Rabh.E.D.p.222; Brun Alp.1.30-3f9; Cl.1391p.20;
Gallik, Pagan; *Cl. CC. 1895 p. 8*; *5. 7. 1897 p. 10*;
(Nav. (Stauroneis & Stauroptera) parva; -Nav. tabellaria, v., & ~~pinna~~.)----
- forma perizonata, Schum.1367p.53-2f55; (Nav. S., var. "b".)
- v. gracilior, Rabh.E.D.p.222;
- v. interrupta, Brun Alp.p.37-3f9b; (Pinn.i.)
- STELLIGERA, E.-Abh.B.1345p.364; R.E.D.p.224; (Nav.)
- STOMATOPHORA, Grev.-Cl.1391p.27; *1895 p. 8*; *Cl. Nav. 2 p. 83*; - (Nav.)
- STREPTORAPHE, *Cl. 1391p.23*; *1895 p. 5*; - (Nav. viridis, v., & sublinearis.)----
- STRIATA, E.-Mik.1356p.71; (Nav.)
- STYLIFORMIS, E.-A.Ber.1343p.139; Mik.pl.33A-17f6;
R.E.D.p.225; (Nav.)
- SUBACUTA, E.-Mik.pl.35A-6f12; R.E.D.p.226; (*Pinn. major*, var. s.; - (Nav.)
- SUBCAPITATA, Grev.-M.J.1355p.9-1f30; S.B.D.2p.105; Carr.p.103; *Cl. 1391p.27*;
Hoff. Marburg; New Zealand; *Cl. 1895 p. 10*; - (Nav. gracillima, v., & s.)----
- SUBCONAERENS, Thw.-Brun Alp.1.31-3f19; (Collatorina; -Schizoneis.)----
- SUBTILIS, Grev.D.C.p.15-1f19; Carr.p.109; R.E.D.p.176; - (Nav.)-
- SUELICA, Hilse 1360p.32; *Rab. Alg. #1023*; - (*Cl. 1391p.27*) (Nav.)
- SUECICA, E.-Ilf.p.139; Mik.pls.15-11f12; 21f23; R.S.D.1.12-3f14;
R.E.D.p.225; *Mon.B. 37 p. 45*; (Nav. lata & s.)
- TABELLARIA, E.-Amer.p.134, pls.2-1f23; 3-1f7; 3-3f3; 3-4f3; 4-1f4;
Mik.pls.2-2f6b, 7; 2-3f3; 3-4f4; 4-2f3; 4-3f11; 4-1f3; R.S.D.1.44-3f24
R.Bac.Exs.No.66; R.E.D.1.211; Bleisch, 1362; Carr.p.109; *Cl. Nav. 2 p. 83*;
(Nav.:-P. gibba, var., & nobilis.)
- v. acrosphaeria, R.E.D.p.211; Ebert, Cassel;
(Nav. tabellaria; -Nav. & P. ac. & gibba.)----
- TAENIATA, E.-Mik.pl.39-3f95; A.J.S.1351, 154; (Mastogonia; -Nav.)-
- TEMPEREI, Bn. - *Cl. Nav. 2 p. 98*; - (Nav.)

Thorax, Brunn. - Cl. Nav. 2p. 85: - (Nav. T.)

Trenelyana, var. angusta, Cl. Nav. 2p. 98: (Nav. T. v. hung.)

> Trigonocephala, Cl. Nav. 2p. 88-152: (N. sp.)

undulata,

// v. subundulata, Gr. Cl. Nav. 2p. 74: - (Nav. und. v. subund.)

vernalis, Dunk. - (Brun. alp. p. 91) = Staur. truncata

viridis, Mq p. 38 (15+1; 17+9; 39-43; 39-3+96, 98:

+ " var. ~~F~~ commutata (P. viridis, W.S.: - P. ^{par.} hung. v. detrita).

" " leptogongyla, E. - Gr. in Atlas: Cl. Nav. 2p. 91: - (Nav. lept. v. talullana)

" " fallax, W.S. - Cl. Nav. 2p. 91: (P. viridis, W.S.: - N. semicrucata: N. viridis v. com.)

" " dispar, Schum. - Cl. Nav. 2p. 92: - (Nav. dispar.)

+ " " repertris, Hntz. - Cl. Nav. 2p. 92: - (Pinn. & Nav. repertris.)

" " semicrucata, Gr. 1882 p. 143: Cl. Nav. 2p. 92:

" " fossilis? - (P. distinguenda.)

> viridula, M. Sm. B.D. p. 57-18 f. 15: - (Nav. lanceolata.)

TENUIS, Greg. - I. M. S. 1354p. 97-4f10; Carr. I. 103; (Nav.)

(Nav. mesolepta, v.; -Nav. & P. gracillima, v. ~~Nav. radiosa, v. sub~~)

TERMES, E. - Amer. pls. I-3f23; 3-3f15; Mik. pl. 39-3f100;

Hoffmann, Marburg;

(Nav. mesolepta, v.; -N. & P. 1st. nodulosa) -

TERMITINA, E. - Hoffmann, Marburg;

(Nav.)

THERMALIS, E. - Abh. Ber. 134Ip. 2I; Ardisson: Alg. Siciliana 2, No. 24I;

> (Nav.; -Surirella.) -

TRABECULA, E. - Amer. p. 134; Mik. pl. 2-3f5; R. S. D. 1. 45; - (N. acuminata & v.)

TREVELYANA, ³Rabh. E. D. p. 210; Cl. Nav. 2p. 98;

(Nav.)

TRIGONOCEPHALA, E. - Mik. pl. 34-3f11; R. E. D. p. 226;

(Nav.)

TRUNCATA, Rabh. E. D. p. 217;

(Nav. cancellata, v., & v.) --

TUSCULA, E. - Abh. Ber. 134Op. 2I;

(Nav.; -Stenonema.) --

UNDULATA, Greg. - M. J. 1354p. 97-4f10; Carr. p. 103;

> Cl. 139Ip. 30-2f8; 1376p. 111 Nav. 2p. 74; -

(Nav.)

UTRICULUS, E. - Amer. p. 134; R. S. D. p. 43; R. E. D. p. 226;

(Nav.)

VACIVA, W. S. in litt.; R. E. D. 1. 199;

(Nav. gracillima.) ----

VENIER, E. - Mik. p. 254;

(Nav.)

VESPA, E. - Mik. pl. 33-5f9; R. E. D. p. 225;

(Nav.)

VICKERSII, O'M. - M. J. 137Ip. 100;

VIRIDIS, ³E. Inf. p. 132; Amer. pls. I-1f7; 1-3f3; 1-4f3; 2-1f22; 2-3f11;

2-5f2; 2-3f21; 3-1f1, 2, 5; Mik. pls. I-1f10; 2-2f5; 2-3f2; 3-2f2; 3-1f2;

3-3f1; 4-1f1; 5-1f14; 5-2f12; 5-3f3; 6-1f4; 6-1f19; 7-2f3; 8-2f4;

3-3f3; 9-1f14; 10-1f3; 10-1f2; 11f23; 12f14; 13-1f5; 13-2f5; 14f2;

15A, f12; 15B, f6; 15-1f3; 15-2f3; 15-3f24; 17-1f1; 18f37; 22f59; 33-

19f9; 33-3f3; 33-10f24; 33-11f10; 35A-5f7; 35A-3f13; 34-12a, f3; 37-

1f20; 33A-2f2x; 33A-3f1; 33A-7f2; 33A-1a, f2; 33A-4f1; 33A-3f13 33B-

22f13; Braemar; Mull: Abh. Ber. 1362p. 35-1f3; 1370pl. 2-1f12; weisse

135Ip. 273-1f2a; 1360p. 359-1f40; S. B. D. 1p. 54-13f133; 1360p.; R. S. D.

p. 42-3f4a-c; Carr. p. 109; Mull; New Zealand; Stross, Fl.; R. E. D. 1.

2f2, f53; Borscom 1250f1p; Tanais 1379p. 32, 11, 7, 3, 15; Stross, Fl.; Brun

Brun Alp. p. 33-3f5; Hoffmann, Marb.; Gallik, Papai; Pfitzer p. 40-1f

1-4, 3, 7; 2f1-3; Sur. Jap. p. 12-2f20; Ebert, Cassel; Cl. 139Ip. 2I; Carr. p.

1339; Delogne: Cl. 1895p. 5: Nav. 2p. 91

(Bacillaria; -Frustulia agrestis & v.; -Nav. major, viridula & v.; -

P. dactylus & Kefvingensis: Pinn. medius-triela ~~Redstemon~~

var. "b", stauroneiformis, S. B. D. 1p. 54-13f133b;

R. E. D. 1. 212;

(Pinn. medius-triela) (Nav. icostauron.) ---

v. acuminata, Brun Alp. p. 34-3f13; - (Pinn. medius-triela)

v. coerulescens, Hilse 1360p. 33; Rabh. Alg. No. 1263;

v. commutata, Grun. - Cl. 139Ip. 22: Cl. 1895p. 5: Nav. 2p. 91. (Nav. c. 9 decurva)

v. distinguenda, Cl. 139Ip. 22-1f1; - (Pinn. medius-triela)

v. hemiptera, Brun Alp. p. 34-3f14;

(Pinn. & Nav. h.) ----

v. intermedia, Cl. 139Ip. 22: Cl. 1895p. 5: Nav. 2p. 91;

(N. major, 1. 1. 40) ---

v. minor, Cl. 139Ip. 22-1f2; - (Pinn. medius-triela, var.)

> v. rapensis, Htz. - Cl. 139Ip. 23: Cl. 1895p. 5;

(Nav. i.) --

VIRIDULA, E. - Abh. Ber. 1347p. 443; Mik. pls. 3-1f3; 3-1f20; 13-1f7; 14f3;

13f33b; 33-11f9; 34-12a, f9; 37-1f21; 37-2f14; 33A-1a, f1; 33A-2a, f1;

33A-3a, f2; 33A-14f7; 39-1f41, 42; 39-3f97; Mull; A. J. S. 1351, f32; R.

S. D. 1. 43, 3f39; R. D. Ex. No. 35; Nord. p. -2f30; weisse 1360p. 359-3f35; --

-- $\frac{3}{2}$ atlas 211 f 8, 11, 12, 14;

> approximatum, a.s. - atlas 211 f 7:

caribaeum,

" forma pusilla, atlas 211 f 19:

" stylatum, a.s. - atlas 210 f 28-30;

-- constrictum,

" var., a.s. - atlas 210 f 28-30:

& longatum,

" var. robusta, a.s. - atlas 209 f 41:

Gegorianum, Journ. Dm. p. 23:

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- 1334p.331-4135; Carr.p.110; Rapa, Tahiti; New Zealand; Mill: R.E.D.p. 214; Ebert, Cassel; Delogne; Spain, China; (Nav.)--
 VULPINA, Rabh.S.D.p.43-6133; Brit., Martin; Spain, China; Ebert, Cassel; (Nav.)
 ZANARDINIANA, Grun.-R.E.D.p.219; (Navic.)
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- MARTENSIIANUS, Grun.-M.M.J. 1377p.172-194f3; Hedw. 1357p.3; Cl. 1373p.12; Det.Syll.p.302; Malaisie;
 NERVATUS, Grun.-Hedw. 1357p.3; M.M.J. 1377p.172-194f9a; Malaisie; Det.S.p.302; Cl.Vega p.502;
 v. bacillaris, Grun.-M.M.J. 1377p.172-194f9b; Det.S.p.302;
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- , Fortm.Cey.p.9-96-98; -, Wolln, 33f31;
 ANGULATUM, Grev.-T.M.S. 1333p.121-11f3; Det.Syll.p.723;
 ANTILLARUM, Cl. 1373p.10-3f13; J.M. 1379p.30-2f13; Det.S.p.723;
 Fortm.Cey.p.53-9f92; Atlas 2 11f10; (P. aculeata, v.)---
 ATOMUS, Grev.-Trans.Bot.Soc.Edinb. 1333p.533-4f9; Fortm.Cey.p.51; Det.Syll.p.725; Atlas 2 11f20-25;
 ATTENUATUM, Cl. 1373p.10-3f13; Vega p.503; J.M. 1379p.30-2f13; Det.S.p.724;
 BARBADENSE, Grev.-T.M.S. 1333p.121-11f3; Det.S.p.719; Atlas 2 11f10;
 v. actinella Bn.-Led.Vol.2p.242-20f3-3; (Rutilaria.)
 BIHARENSE, Pant.Ip.32-2ff133; 30f319, 320; 2, p.31;
 Notarisia 1333p.533; Det.S.p.721;
 BILOBATUM, Bn.-Led.Vol.2No.17p.33-3f20;
 BORYANUM, Pant.2p.61; 3p.4-4f55; Det.S.p.727;
 CALIFORNICUM, Grev.-M.J. 1359p.211-10f15-17; Prit.p.774; Grun., 1332p.330; Wolln, 45f13, 17; Det.S.p.723;
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 Det.Syll.p.724; Atlas 2 11f26; (P. latiuscula.)--
 CONSTRICTUM, Grev.-Trans.Bot.Soc.Edinb. 1333p.533-4f3; Atlas 2 11f10;
 Grun. 1333p.94; Det.S.p.724;
 v. Nankooorensis, Grun. 1333p.95-1a, f3; Grevillea Vol.1, 77-519; -(P.N.)
 COSTATUM, Grev.-Trans.B.S.Edinb. 1333p.533-4f5, 3; Atlas 2 11f10;
 Cl.Vega p.499; Det.S.p.725;
 CRASSUM, Cl. & Grove.-Led.Vol.2p.54-3f4, 5; Det.Syll.p.723;
 DECUSSATUM, Grev.-T.M.S. 1333p.1-11f, 2; Cl. 1373p.10; Malaisie; Vega pp.493, 503; Det.S.p.724; Atlas 2 11f10; (P. Antillarum.)---
 ELONGATUM, Grev.-T.M.S. 1333p.121-9f5; Det.S.p.723; Atlas 2 11f10;
 FENESTRA, Bn.-Brun & Temp. 1.47-9f3; Det.S.p.722; Atlas 2 11f10;
 GREGORYANUM, Grev.-M.J. 1359p.203-10f1, 2; Prit.p.774; Grun. 1332p.330; Floegel, Baltic; Jan. & R.p.10-2f3; Atlantic City; Carr.p.79; Mobile; Lewis N. & R.S.p.33; Italy; Breo.Verm. 1.3; Malaisie; R.E.D.p.117; Fortm.Cey.p.51; V.A.S.p.145-33f2; Perag.p.72; Villef.p.35; Wolln, 45f10, 11; Atlas 2 11f10-14, 17, 18; (P. & Genticila stanfordiana.)
 Oestrup 1897p.338: -

+ inequale, Atlas 209 f 55-58; form. Dm 23;

> informe, a.s. - atlas 211 f 16-18;

> Kinzeri, a.s. - atlas 210 f 32;

> multum, a.s. - 209 f 15, 16;

quadritum, atlas 211 f 1;

> robustum, a.s. - atlas 209 f 34;

- * var. robusta, Br.-Brun & Tenore p.47-97; - (*P. stauroneurum*, v.)
 GREVILLEANUM, Grun. I353p. I42-I4f1a-c; (P. stipitatum.) --
 GREVILLEI, Ralfs, Prit. p.774; (P. ornatum, Grev.)
 HARDMANNIANUM, ? Det. S. p.729; (Non placet.) ----
 INAEQUAL, Grev. -M.J. I359p. 210-10f10; Prit. p.774; Grun. I352p. 330;
 Jan. & R. p. II-2f20; Cl. I353p. 10; Fortm. Cey. p. 51; Det. Syll. p. 723;
 INTERRUPTUM, Ralfs, Prit. p.774; Carr. p.79; V. d. S. p. 1.36f1;
 Det. Syll. p.722; *Atlas 211f2*; (Denticula.)
 * v. Adriatica, Grun. -Cl. Vega p.493-37f1a,b; *Atlas 10f11*; 1.3-27;
 JAMAICENSE, Grev. -M.J. I359p. 203-10f3; Prit. p.774; Grun. I352p. 359;
 I353p. 2; Fortm. Cey. p. 51; Det. S. p. 713;
 LABUENSE, Cl. Vega p.493-37f2; Det. S. p. 721; *Atlas 10f11*; (P. canaliculatus, v.) ----
 LAEVE, Ralfs, Prit. p.775; Carr. p.79; Det. S. p. 722; - (Denticula, Grun.) ----
 LOCZYII, Pant. 3p. -I3f255; (Glyphodesmus williamsoni.) ----
 LYRATUM, Grev. -M.J. I359p. 211-10f14; Prit. p.775; Grun. I352p. 350;
 Malaisie; Det. S. p.724; (Pinn. biflora, Bailey.) ---
 MARGARITACEUM, Cast. I337p. 45-19f13; Not. I359p. 390; Det. S. p. 719;
 NANKOORENSE, Grun. I353p. 95-1a,f3; Cl. Vega p. 512; J. O. C. I337p. 73;
 Det. S. p.723; *Atlas 210f31*; (P. constrictum, var., & Ceylanense.) -
 * v. minuta, Cl. Vega p. 512; Det. Syll. p. 723;
 * v. triconstricta, Cl. & Gro. -LeD. Vol. Ip. 55-3f15, 16; Det. S. p. 723;
 NEOGRADENSE, Pant. Ip. 33-3f53, 71; 23f255; Vol. 2p. 32; J. O. C. I337p. 73;
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 OBESUM, Grev. -M.J. I359p. 211-10f12, 13; Prit. p.774; Grun. I352p. 350;
 Jan. Gu. I. 23-2b, f12; Cl. I373p. 10; Vega p. 493; Fortm. Cey. p. 51;
 Det. S. p. 723; Woll. 45f12, 14; *Atlas 210f7, 8; 209f31*;
 ORIENTALE, Grev. -T.M.S. I353p. 77-3f1; Cl. Vega p. 499; Malaisie;
 Det. S. p. 713;
 ORNATUM, Grev. -M.J. I359p. 209-10f9; Grun. I352p. 350; Carr. p.79; Woll. 45f20;
 Det. S. p. 725; *Atlas 210f4, 22*; (P. Grevillei & unaulatum)
 ORNATUM, (Greg) -Ralfs, Prit. p.774; (P. Grevillei) - (Denticula o.)
 PAPILIO, Cl. & Grove. -LeD. Vol. Ip. 55-Det. Syll. p. 723; *Atlas 211f13, 14*;
 POLYGIBBUM, Cl. & Grove. -LeD. Vol. Ip. 55-3f7-II; Det. S. p. 725;
 (P. spectabile, v.) - *Atlas 211f2-5, 15*;
 PULCHELLUM, Grev. -M.J. I359p. 209-10f4-3; Prit. p.774-4f32; Malaisie;
 Grun. I352p. 330; R. E. C. p. II7, f35(2); Petit Cat. p. 32; Fortm. Cey. p. 51;
 Cl. Vega p. 499, 503; Woll. 45f1-3; Det. S. p. 722; *Atlas 209f32*;
 PYGMAEUM, Grev. -M.J. I359p. 210-10f11-13; Prit. p.774; Grun. I352p. 350;
 I353p. 2; Petit Cat. p. 32; Fortm. Cey. p. 52; Cl. Vega p. 493; Villef. p. 65;
 Woll. 45f6, 7; Det. S. p. 723;
 QUADRIGIBBUM, Grun. -Fortm. Cey. p. 52-9f90; - (P. spectabile, v., & polygibb.)
 RECTUM, Cl. & Gro. -LeD. I89Ip. 55-3f3; Det. S. p. 727;
 ROBERTSIANUM, Grev. -T.M.S. I353p. 13-1f1, 2; R. E. C. p. II7, f35(1);
 Det. S. p. 719; *Atlas 209f33, 34*;
 RUTILARIOIDES, Cl. -M. L. W. D. p. 13-4f54; Det. Syll. p. 721; *Atlas 209f2*;
 SALINARIUM, Pant. 2p. 32-6f119; 15f257; Det. S. p. 721;
 SEXAGIBBUM, Fortm. Cey. p. 52-9f91; (P. polygibb.)
 SEYCHELLARUM, Grun. -Cl. Vega p. 493-37(59); Det. Syll. p. 721; - (P. triangulari.) -
Atlas 257f1;

+ Aster-phorum, atlas 209f37:

+ validum,

" var tumidulum, Grun. - atlas 210f2,3:

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- SPECTABILE, Grev. - Trans. Bot. S. Eainb. 1863p. 536-41f7; Det. S. p. 726;
 ' v. quadrigibba, Grun. 1868p. 95-1a, f28; Grevillea Vol. I, p. 73-5f4;
 (P. poly- & Quadrigibba.) ---
 SPINOSUM, Cl. - N. L. K. D. p. 13-4f55; Woll. 45f15; Det. S. p. 719; *Atlas 191f1*
 STAUROPHORUM, Grev. - Leib. p. 55; OPM. I. C. I. 29D; Cl. 1373p. 10; V. 2 11.
 433, 503; Lapr. 1876p. 17; Det. Syll. p. 713; - (Denticula; - P. Gregorianum.) --
 ' v. robusta, Bn. - Det. Syll. p. 713; (P. Gregorianum, v.) --
 STIPITATUM, Grun. 1868pp. 2, 94-1a, f3; Det. S. p. 720; (P. Grevilleanum.) ---
 SULCATUM, Cl. & Gro. - LeD. 1891p. 54-3f1-3; Det. S. p. 727; *Atlas 191f6*
 SUMATRENSIS, Fortm. - Ann. Bot. Brit. 1892p. 34-2f12;
 TENUISTRATUM, Cl. Vega p. 493-37f53; Det. S. p. 721; *Atlas 191f1*
 TESSELLATUM, Grev. - M. J. 1859p. 203-10f7; Prit. p. 774; Grun. 1862p. 309;
 Lewis, N. & R. S. p. 33; Fortm. Cey. p. 51; Cl. Vega 11. 499, 512; Woll. 11.
 45f13, 19; Det. S. p. 719; *Atlas 191f1* *Sol. J. A. C. 187p. 27*
 THAITENSE, Castr. 1837p. 45-19f4; Det. S. p. 719;
 TRUANII, Pant. 2p. 62; 3pls. 15f224; 24f351; Det. S. p. 723; - (P. Seychell.) --
 UNDULATUM, Grun. - V. H. S. pl. 36f8; (P. sinatum, v.) -
 VALIDUM, Grev. - M. J. 1859p. 209-10f3; Prit. p. 774; Grun. 1862p. 300;
 Petit Cat. p. 32; Mobile; Woll. 45f8, 9; Det. S. p. 722; *Atlas 210f1*;
 VANHEURCKII, Grun. - V. H. S. p. 145-36f4; Det. S. p. 720;
 WALLICHIANUM, Grev. - T. H. S. 1865p. 1-1f7, 3; M. C. pl. 42f41; *Atlas 191f1*
 Fortm. Cey. p. 51; Det. Syll. p. 723;

PLAGIOTROPIS. - (*Pf. Gen. 1862*)

- BALTICA, Pfitzer p. 93-6f11; Det. Syll. p. 346;
 (P. scaligera & Mediterranea; Tropidoneis vitrea.) -
 ELEGANS, Grun. - V. H. S. p. 122; T. No. 199; Det. S. p. 345;
 (Amphipora; Amphitropis.) ---
 ' v. Adriatica, Grun. - Cl. 1880p. 64; Det. S. p. 345;
 ' v. gracilis, Grun. - Cl. 1880p. 64; Det. S. p. 345;
 GIBBERULA, Grun. - V. H. S. pl. 22bis, f11-13; Det. S. p. 346; Cl. & M. No. 300;
 (Tropidoneis.) ----
 MEDITERRANEA, Grun. - Cl. 1880p. 66; V. H. S. pl. 22f14; T. No. 200;
 Det. S. p. 344; (P. Baltica, v.; - Tropidoneis vitrea, v.) ---
 POSEWITZII, Pant. 2p. 56-10f181; Det. S. p. 346; (Tropidoneis.) -
 PROBOSCIDEA, Cl. - LeD. Vol. 2, No. 19p. 145-9f8, 9; (Tropid.) -
 SAMOENSIS, Grun. - Cl. 1880p. 67; Det. S. p. 345; (Trop.) ---
 SCALIGERA, Grun. - Cl. 1880p. 66-5f90; Det. Syll. p. 344;
 (P. Baltica, v.; - Tropidoneis.) -
 VITREA, (w. S.) - Grun. in Cl. 1880p. 67; Cl. & M. Nos. 204, 205, 206 s 1b;
 V. H. S. pl. 22f7-9; Det. S. p. 344;
 (Amphipora elegans & v.; - P. elegans; - Tropidoneis.) ----
 VANHEURCKII, Grun. - V. H. S. p. 122-22b, fo-3; T. No. 199;
 Det. Syll. p. 348; (Tropidoneis.) -

PLANKTONIELLA. - (*Schuetz, 1892*) -

- SOL, (Btw.) - Schuetz, De Toni Sylloge p. 1424; (Coscinoideis.) -

Pleuroneis.

N. G. of Cleve, Nov. 2 (1896) p. 181: —

aestuarii, Green. 1878 p. 19:

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 II5: Prit. p. 360-6f23; R. J. M. S. 1861p. 191; Sm. Sp. 1. No. 363;
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- , Pfitzer p.57:	<i>Brun. Alpes</i>	- , B.G.N.H. 1362: 344-If17:
- , Atlantic City;	<i>p.93:</i>	- , Am.Nat. 1863p.510-13f32:
- , T.M.S. 1360pp.137-142:		- , T.M.S. 1857p.87-If24:
- , Tanarek 1879p.36;		- , Bot.Zeitung 1870, No.20;
- , Archiv.Micr.Anat. 1870p.472:		- , J. R. M. S. / 1884 p. 576-579

(Pl. majoris.)

4 angulatum, W.S. Vestrup 1897 p. 310: Petit, Cap Horn:
Carp. 1891 pl. 1 f 1, 2: Pl. 10: Pl. 11 f 5, 6:
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- .Marylandica, Grun.-Cl. I330p.5I; Per.Pleur.p.10-41I5;
 eT.Syll.p.234: (Pl.Normanni, var.M.)---
 .Nicobarica, V.H.S.p.II5-'B'f34: (Pl.Nic.)-
 .Normanii, Per.Pleur.p.10-415,7: (Pl.Nor.)-
 LLUS, E.-Prit.p.9I9: (Gyrosig.; -Navic.; -P.attenuatum.)--
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 ULATUM, w.S.-A.M.N.H. I352p.7-I9,9: (P.quadratum.)
 w.S., in A.M.N.H. I352p.7-I9; Prit. I352pl. I9f3; S.B.D. I9.
 -2If205; Q.J.M.S. I356p.205-I3fI,2; I357p.22I; I360pp. I22-I30 can
 one; Prit.p.9I8; Grun. I360p.556; R.Bac. Exs. No.72; Carr.p. I12; Bull.
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 234; Lewis, N. & R.S. p.7I; M.M.J. I369p.243; I370p. I2I-59fI,2; I374,
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 -2fI4, I5; Janisch pl. I2; Botm. Cey. p.33; M.T. P.3-4-I3; Floet, Balt.
 .Sp. I. Nos.339,390; Amer. Nat. I372p. I2I; Latt. I373p.43; Cl. I376p. I9;
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 II5-I3f2-4; T.No. I39; Mobile; Zeit. fur Nat. I333p.4; Shark River;
 R.M.S. I332p. I4I; I333p.39I; I339p.553; I390p.43,39I; I391p. I04-
 6; 423-7f3; I390p. I3; J.Q.C. I333p.273; I339p.5; B.S.B. I390p. I0;
 t. Cbl't. I330p.350; Edw. I332p.333; North. Micr. I332p.229; English
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 rag.p.32; Villef. p.54; Wollf, 30f5,9; Malaisia; Del. Syll. p.23I;
 av. (& Gyrosig.) a. & Thuringiaca; -Nav. diagonalis; -Pl. javanicum,
 ombicum, Thuringiacum.)---Per.Pleur.pl.5f3-5;
 .aestuarii, Breb.-V.H.S.p.II5; T.No. I72; Del. S. p.232: (Pl.aest.)
 .convexa, Grun.-Cl. Nav. p.4I: (Pl.striposum, var.c.)---
 .delicatula, V.H.S.p.II5; T.No. 74, I72 sub; Del. S. p.233: -(Pl.aest.)
 .elongata, V.H.S.p.II5; T.No. I73; Sm. Sp. I. sub No.339;
 eT. Syll. p.233: (Pl.elong.)---
 .finmarchica, Cl. Nav. p.4I: (Pl.Finmare. & Normanii.)--
 .major, V.H.S.p.II5-I3f5:
 .quadrata, w.S.-Sm. Sp. I. No.39I; V.H.S.p.II5; T.No. I72;
 eT. Syll. p.232: Cl. Nav. p.4I; (Pl.quad.)
 .striposa, w.S.-V.H.S.p.II5; T. I70; Del. S. p.233: Cl. Nav. p.4I;
 Pl.striposum.)--- *Oestrup 1897 p.310*
 .undulata, Grun.-Cl. I330p.5I; Nav.p.40;
 er.Pleur.p. II-5f6: (Pl.undulatum.)
 orma fallax, Grun.-Del. Syll. p.234: (P.fallax.)
 orma gracilis, Grun.-Del. S. p.234: (Pl.gracile.)--
 orma hyalina, Rabh. E.D. p.234; Grun. I373p. I16; Del. S. p.233: (V.aest.)-
 .delic., forma kariana, Grun.-Del. S. p.233:
 .delic., forma salinarum, Grun. I373p. I16; Del. S. p.233;
 .aestuarii, forma intermedia, Grun.-Del. S. p.232;
 . " Javanica, Cl.-Del. S. p.232;
 . " minuta, Grun.-Del. S. p.232;
 orma minor, Rabh. E.D. p.234:

+ *Baltica* in *Petit, Cap Horn. Fortm. D. M. p. 17: Dippel 1870 p. 16-2 f 13-15.*

ANGUSTUM, Donk.-T.M.S. I853p.24-3f9; Carr.p.II2; Malaisie;

(Donkinia & Gyrosigma.)-

ANTARCTICUM, Gran.-Cl. & M.No. I25; Per.Pleur.p.34; Del.Syll.p.252;

ANTILLARUM, Per.Pleur.p.8-3fI9; Del.S.p.24I; (Pl. maritima.)--

APULUM, E.-Prit.p.9I8; R.E.C.p.233; Per.Pleur.p.29-9f20;

Del.Syll.p.252; (Gyros.; -Toxonidea.)

ARABURENSE, Castr. I837p.33-28f5; Notar. I839p.390; Del.S.p.259;

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ARCUATUM, Donk.-T.M.S. I853p.25-3fIO; Prit.p.9I8; Carr.p.III; R.E.C.

p.23I; Sm.Sp.7.No.693; Cl. I830p.58; Per.Pleur.p.26-3f34,35; Del.

Syll.p.259; (Gyrosig. fasciola, v. arc.)

ASIATICUM, Bran & Temp.-Per.Pleur.p.27-3f44; Caloneis stanoph., var.)-

ATTENUATUM, K.-W.S., in A.M.N. t. I852p.II-2fII; S.3.C. I1.33-22f2I5; Mull;

Prit.p.9I9; Gran. I860p.560; I873p.16; Heib.p.90; Carr.p.II2; Eul.Sp.

T.No.73; Cl. I863p.229; I880p.54; I89Ip.54; Cl. & M.No.246; R. Bac. Exs.

No.7I; Roper, Thames; Schum. I864p.23; Mull; Lanza, Tor.; R.E.C. p.259f

55; Kinnord; Prollius p.67; Pet. liste p.2I; Delogne; M.T.P.3-4-6;

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Alp.p.93-5fI3; Bellon, Luchon; Tanarek I879p.36, fI7a; Ebert, Cassel;

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p.33; Lagr. I884p.57; Parag.p.33; Per.Pleur.p.13-7f9; Trian I835p.50-

3f7; Del.S.p.248; J.R.M.S. I893p.I-I fI-5; Herib.p.I22;

(Frustulia; -Gyrosigma; -Navicula; -Sigmatella.)----

• v.agellus, Rabh.E.C.p.239; Hull; Delogne; Delogne; Wille, 30f2;

Malaisie; Del.S.p.249; (Nav., Pl., & Gyros.ag.)--

• v.Caspia, Gran. I873p.13-3f8; Cl. I830p.55; Del.Syll.p.249;

Per.Pleur p.17-7f3; (Gyros.attenuatum.)-

AUSTRALE, Gran. I863p.2I-I fI8; Fortm.Cey.p.39; Cl.Vega p.497, 506, 5II;

I830p.5I; Per.Pleur.p.10-4f24-27; Del.S.p.240; Malaisie; Gravelle,

Vol.Ip.42-2fI3; Cl.Nav.p.40; (Pl.aestuarii, var., & inflatum.)

AUSTRALICUM, Witt.-J.M.G. I873p.70-3f7; Del.S.p.246;

BAILEYI, Gran.-Cl. I830p.59; Per.Pleur.p.22-3fII; Del.S.p.257;

(Gyrosigma; -Pl.inflatum.)----

BALEARICUM, Gran.-Cl. & M.No. I54;

(P.striatilis, v.)-

BALTICO-SIRENSE, Schwartz.-Heuw. I874p.133;

(Pl.Balticum, var.)--

BALTICUM, W.S.-A.M.N. t. I852p.3-2fI, 3; S.3.C. I1.36-22f207; Front.; Brach.

D.C.p.; Prit. I852pl.3fI44; Gran. I860p.553; I863p.2I; I873p.13-3fI9;

Prit. I852pl.20fI-3; I86Ip.9I7-3f25; 9fI44; A.M.N. t. I860p.122-I30;

Jan. & R.p.II-3f3; Eul.Sp.T.No.77; Heib.p.90; Carr.p.II2; Cl. I863p.

229; I873p.9; I873p.20; I880p.55; Vega p.476; I89Ip.54; Cl. & M.246;

Girard Ross.p.12-2fI3; Jan.Gl.p.29; Lewis, N. & R.S.p.7I; Rop.Thames;

Edw.N. t. p.1f3; R. Bac. Exs.No.74; Fritsch & M.No.7; Deby Polder p.20;

Lagr. I873p.50; Mobile; M.T.P.3-4-I0; M.M.J. I874p.24; Eton, I87I; Sm.

Sp.7.No.396; Fortm.Cey.p.39; V.4.S.p.3, II7-20fI; T.No. I80; Shark

River; Trian I835p.49-3f5; A.S.M. I835p.29, pl.I; Villef.p.54; J.R.M.

S. I89Ip.442-3f3; Per.Pleur.p.13-7fI9, 20; Del.S.p.249; Malaisie;

(Gyros.; -Nav.; -Pl.Baileyi, constrictum, diminutum, macron & simile.)----

• forma angustior, Rabh.E.C.p.235;

(Pl.Loranzii.)-

• for.Baltico-Sirensis, Schw.-Del.S.p.250;

(P.Balt.-S.)----

decorum, Fortm. D. m. p. 16.

- var. "b" wansbeckii, S.B.D. Ip. 33-22f207b; Sm. Sp. T. No. 397; Cl. 1330p. 55; Villef. p. 54; Per. Pleur. p. 19-7f29, 30; *Fort. Dim. p. 17*; (P. wans.)
- var. "g", S.B.D. Ip. 33-22f207g: *Fort. Dim. p. 17*; (Gyros. acuminatum, var. 3130.)--
- v. Brebissonii, V.A.S. p. 117; Del. Syll. p. 250; (Gyros. acuminatum, v. Brebissonii; -P. Br., & scalprum, var. Gr.)
- v. Californica, Grun.-Cl. 1330p. 55; Cl. & M. No. 243 510; Del. Syll. p. 250; Per. Pleur. p. 13-7f22; (Gyros. s., var. Cal.)
- v. maxima, Grun.-Per. Pleur. p. 13-7f13; (P. Balticum.)--
- BARBADENSE, Grun.-Cl. & M. No. 149; Cl. 1330p. 50; Del. Syll. p. 240; Per. Pleur. p. 3; (P. malinum & var.)--
- BIHARENSE, Pant. 3p. -42f53I; (Gyros. diminutum, v. constricta; -Pl. constrictum.)--
- BISTRIATUM, Schum. 1337p. 59-2f53; Del. Syll. p. 202;
- BREBISSEONII, Grun.-V.A.S. pl. 2115; T. No. 133; Can. p. 1. 30; Malaisie; Cl. 1330p. 56; 1331p. 9; Per. Pleur. p. 13-7f29, 30; (Pl. Balticum, var.; -Pl. scalprum, Breb.)--
- var., V.H. Type No. 139; (P. acuminatum, var. Brebissonii.)
- BRUNII, Cl. Mss.; Per. Pleur. p. 16-5f8; Del. S. p. 241; Cl. Nav. p. 42;
- CANDIDUM, Schum. 1337p. 59-2f57; Brun & T. p. 73; Per. Pleur. p. 12-5f11; (Pl. aestuarii.)----
- CAPENSE, Petit Table Bay p. 7, f3; Per. Pleur. p. 21-3f6; Del. S. p. 247; (Gyrosigma strigile, var.)----
- CARINATUM, Donk.-T.M.S. 1353p. 23-3f4; Carr. p. 112; Brun & T. p. 73; Cl. Nav. p. 44; (Donkinia.)--
- CLEVELI, Grun.-Cl. 1330p. 52-3f70a, b; Vega p. 475; Navie. p. 37; Malaisie; Brun & T. p. 73; Per. Pleur. p. 13-5f17, 18; Del. S. p. 237;
- v. cornuta, Grun.-Cl. Nav. p. 37;
- v. fossilis, Bn.-Per. Pleur. p. 13-5f19; Del. S. p. 237; Cl. Nav. p. 37;
- v. Siourica, Grun.-Cl. Vega p. 475-35f14; Navie. p. 37;
- COMPACTUM, Grev.-M.S. 1357p. 12-3f9; 1359p. 90, Note; Carr. p. 112; (Amphiptora Ralfsii; -Donkinia; -Pl. rectum.)--
- CONSTRICUM, Grun.-Cl. 1330p. 57; Per. Pleur. p. 20-7f13; Del. S. p. 251; (Gyros. diminutum, v. c.; -Pl. Balticum & Biharense.)-
- CONVEXUM, Grun.-Cl. 1330p. 50; M.T.P. 3-4-15; Malaisie; Per. Pleur. p. 3; Del. Syll. p. 241; (Pl. strigosum, v.)----
- CULINARUM, Grun.-A.M.W.S. 1392p. 136; (Pl. paradoxum.)
- CURVULUM, E.-Ralfs, Prit. p. 919; R.E.D. p. 241; (Gyrosigma; -Nav.)----
- CURVULUM, Grun.-Cl. & M. No. 202; Ebert, Cassel; V.A.S. pl. 2115-5; Perap. p. 33; Per. Pleur. p. 25-3f23, 24; Del. S. p. 231; (P. Siourica, v.)-
- CUSPIDATUM, Rabh.-Prit. p. 919; Per. Pleur. p. 34; (Gyros.; -Pl. acuminatum, v.)----
- CUSPIDATUM, Cl. Nav. p. 35; Per. Pleur. p. 12-5f13; (P. lanceolatum, v.)--
- DECORUM, S.B.D. Ip. 33-2f193; Breb. D.C. p. 7; Verm. p. 10; Prit. p. 913; Grun. 1330p. 55; 1331p. 21; Carr. p. 112; Mill: R.E.D. p. 232; Cl. 1370p. 19; 1330p. 49; Vega p. 497, 506; V.A.S. p. 113-19f1; Sm. Sp. T. 394; Shark River: Mobile; Truan 1335p. 50-3f6; Perap. p. 32; Villef. p. 54; Brun & T. p. 73; Per. Pleur. p. 5-1f11-13; wolle, 3214; Malaisie; Del. S. p. 242; (Gyros.)

distortum, Fortm. D. M. p. 17:

Elongatum, Fortm. D. M. p. 17:

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- v. Americana, Per. Pleur. p. 5-1f9; Del. Syll. p. 244; (P. longum, v.)--
- v. Dalmatica, Grun.-Cl. I330p. 49; Per. Pleur. p. 5-2f3, 9; Del. S. p. 244;
- v. inflata, Per. Pleur. p. 5-1f10; (P. longum, v.)--
- DELICATULUM, w.S.-A.M.N.H. I352p. 3-1f5; Prit. I352p. 1.19f5; S.3.C. Ip. 34-2f202; Breb. D.C. p. ; Verm. p. 10, 11; Prit. p. 913; Grun. I330p. 557; I373p. 13; Jan. & R. p. 11-3f4; Guinard p. 35; Carr. p. 112; 111; R. E.D. p. 234; Cl. I337p. 33; I333p. 229; I330p. 52; Vega p. 475; Navic. p. 37; Fortm. Cey. p. 33; Sm. Sp. 1. No. 393; Lewis, N. & R. S. p. 37; Parag. p. 33; Wollé, 22f22; Per. Pleur. p. 13-5f20, 22; Malaisie; *Oestrup 1897 p. 310* (Gyros.; -Pl. angulatum, v.)---- *factum 30 m p. 1 f*
- v. Africana, Grun.-Cl. Nav. p. 33;
- v. Americana, Cleve Navic. p. 33;
- v. hyalina, Grun. I373p. 19; Per. Pleur. p. 13;
- v. Kariana, Grun.-Cl. I330p. 50-3f39; Vega p. 475;
- v. obtusiuscula, Grun.-Cl. Nav. p. 33;
- v. salinarum, Grun. I373p. 19; Per. Pleur. p. 13-5f21; (Pl. salin.)-
- DIMINUTUM, Grun.-Cl. I330p. 53; Malaisie; Per. Pleur. p. 13-7f31, 32; Del. Syll. p. 250; (Gyrosigma u.; -P. Balticum, v.)-
- DIRECTUM, Grun.-Cl. & M. No. 125; I330p. 53; Navic. p. 35; Brun & T. p. 73; Per. Pleur. p. 14-5f29; Del. S. p. 240;
- DISTORTUM, w.S.-A.M.N.H. I352p. 7-1f10; Prit. I352p. 1.19f10; S.3.C. Ip. 67-20f210; Breb. D.C. p. ; Prit. p. 913; Grun. I330p. 559; Carr. p. 111; Hull; R. E.D. p. 236; Sm. Sp. 1. No. 399; Gannf. p. 33; Cl. I330p. 57; Vega p. 475; Parag. p. 32; Per. Pleur. p. 25-3f32; Del. S. p. 259; (Gyrosigma.)---
- ELEGANTISSIMUM, Castr. I337p. 37-23f1; Notar. I339p. 391; Malaisie; Per. Pleur. p. 13-5f23; Del. S. p. 239;
- ELONGATUM, w.S.-A.M.N.H. I352p. 3-1f1; Prit. I352p. 1.19f1; S.3.C. Ip. 34-20f199; Prit. p. 913; Grun. I330p. 557; I373p. 19; Carr. p. 111; Lewis, N. & R. S. p. 71; R. Sac. Exs. No. 73; Hull; R. E.D. p. 234; Cl. I333p. 229; Vega p. 475; I391p. 54; Cl. & M. No. 213; Eiben, I371; J. R. V. S. I379p. 330; Sm. Sp. 1. No. 400; Lagr. I373p. 49; Gannf. p. 33; M. T. P. 3-4-17; Shark River; V. H. S. pl. I3f7; T. No. 173; Parag. p. 32; Per. Pleur. p. 7-3f5-3; Wollé, 32f2; Malaisie; *Oestrup 1897 p. 310* - (Gyros.; -P. angulatum, v. el.)---
- var., Lagr. I373p. 49;
- v. Balearica, Per. Pleur. p. 7-2f22; (P. nubecula, v. subrecta.)-
- v. fallax, Grun.-Cl. Vega p. 475, 5f2; Cl. Nav. p. 33; (P. fal.)--
- v. gracilescens, Grun.-Cl. Nav. p. 33; (P. rac.)--
- v. gracilis, Grun. I373p. 13-3f7; Cl. I330p. 50; Per. Pleur. p. 7-2f20, 21; (P. elong.)
- v. Kariana, Grun.-Cl. Nav. p. 33; *Oestrup 1897 p. 310* (Pl. Kar.; -P. delicatulum, v. Kar.)----
- EUDON, Pant. Ip. 30-2f190; Notar. I333p. 474; Cl. Nav. p. 33; Per. Pleur. p. 9-3f21; Del. Syll. p. 242;
- EXIMIUM, ~~Prit.~~ V. H. S. p. 119-2f2; T. No. 193; Cl. I330p. 31; Malaisie; Lake Michigan; Wollé, 32f14; 30f14; Per. Pleur. p. 24-3f47; Del. S. p. 230; (Gyrosigma; -Endosigma; -Gyr. scalproides, v.; -Colletonema; -Schizonema; -Glorionema sigmoidum.)--
- EXSUL, Cleve Navic. p. 43-4f17;
- FALCATUM, Donk.-M. J. I361p. 7-1f1; Carr. p. 112; Cl. Nav. p. 43; -(Toxonid.)

fasciola, Fortm. D.M.p. 16. Dampf p. 33.

+ formosum, W.S. - Oestrup 1897 p. 310. Fortm. D.M.p. 16.

2 " var. gigantea, Gn. - Moller Cat. 1897 p. 21; - ?

giganteum, Fortm. D.M.p. 17.

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FALLAX, Grun.-Cl. I330p.50-3f63; ^{old} Per. Pleur. p.7-2f13;

Malaisie:

(Pl. elongatum, v.)--

FASCIOLA, E.-W.S., A.M.N. 1. I352p.9-2f6; S.B.C. Ip. 37-2f12II; M.J. I350, p.43; I352p.152 cum icone; Prit. p.913-12f50, 51; 1310p.90; Carr. p. III; Grun. I360p.559; Lewis, N. & R.S. p.71; Mill: Ew. N. 4. 118: If6; R.E. D.p.230; Cl. I333p.229; I373p.20; I330p.53; Vega p.475; Cl. & M.No. 297; Eiben, I371; Flogel, Baltic; Sm. Sp. 1. No. 471; Reinhard; V. 1. S. p. II9-2If3; T. Nos. I91, I92; Wölle, 32f1; Trian I335p.51-3f12; Per. Pleur. p.25-3f66, 33; Det. S. p.253; (Ceratopsis; -Gyrosig.; -P. Parkeri.)-

var. 'b', tenuirostris, S.B.C. Ip. 37-2f12IIb; Cl. I330p.55-4f75;

Vega p.476;

(Gyros. fasc., v. ten.; -Pl. ten.)-

v. sulcata, Grun.-V.H.S. p. II9-2If7; Cl. I330p.55-4f75;

Vega p.476;

(Gyros. fasc., v. sul.; -Pl. sulcata.)--

FEBIGERII, Grun.-Cl. & M.No. 223; Cl. I330p.60; (Gyros.; -P. Park., v.)

FINMARCHICUM, Cl. Vega p.475; Per. Pleur. p. I2-5f9;

(Pl. angulatum, var., & Normannii.)--

FORMOSUM, W.S.-A.M.N. 1. I352p.5-If1; S.B.C. Ip. 33-20f195; Front.; Bion. D.C. p. 2; Q.J.M.S. I356p.556; T.M.S. I350p. I39; Prit. p.917-3f52; Grun. I360p.556; Carr. p. III; Lewis, N. & R.S. p.71; Jan. G. p.29; Reinhard; R. E.D. p.231; Guinard p.35; Cl. I333p.229; I373p.19; I373p.9; I330p.43; Vega pp.475, 497, 5II; Nav. p.45; Eiben, I371; M.T.P. 3-4-13; Sm. Sp. 1. No. 402; Petit, Nimrou; Cat. p.28; M.M.J. I374p.24; Lagr. I375p.43; Malaisie; Fortm. Cey. p.33; Engl. Mech. I333p.300; V.H.S. p. II5-19f4; T. No. I77; Mobile; Perag. p.62; Villef. p.54; Per. Pleur. p.4-If4, 5; Wölle, 32f6, 9; J.R.M.S. I392p. I-If1; J.Q.C. I333p.301-23f1-7; Det. Syll. p.243; 4

(Gyros.; -Pl. Australicum, decorum & Tahitensis.)--

v. Adriatica, Thum.-Per. Pleur. p.4-If3; Det. S. p.243;

v. arcus, Cl. Navic. p.45-4f13;

v. Balearica, Per. Pleur. p.4-If6, 7; Det. S. p.243; Cl. Nav. p.45;

v. Dalmatica, Grun.-Cl. Nav. p.45-4f21;

(P. decor., v. Dalm.)

v. inflata, Per. Pleur. pl. If10; Det. Syll. p.243;

v. longissima, Grun.-Cl. I330p.43; Navic. p.45; Det. Syll. p.243;

Per. Pleur. p.4-If1, 2;

GALLAPAGENSIS, Cleve, Navic. p.36-4f15;

GALLICUM, Grun.-Per. Pleur. p. I9-7f2;

(Gyros. acum., var. Gall.; -P. scalprum, v.)-

GIGANTEUM, Grun. I360p.553-4f1; I363p.155; R.E.D. p.235; Lagr. I375p.

49; Cl. I330p.53; Vega p.506; Per. Pleur. p. I5-3f2; (P. rigidum, v.)--

var., Q.J.M.S. I369p. I50-12f1;

GLACIALE, Cl. Vega p.475-35f13; Per. Pleur. p.20-7f15; Det. S. p.252;

(Gyrosigma; -Rhoicosigma.)----

GRACILE, Per. Pleur. p.6-2f19;

GRACILENTUM, Raph. Alg. Eur. No. I066; R.E.D. p.240; Sm. Sp. 1. No. 403;

Q.Q.C. I370p.37;

(Gyros. & Pl. Kutzingii.)-

GRACILESCENS, Grun.-Cl. I330p.50; Per. Pleur. p.7-3f10;

Det. Syll. p.240;

(P. elongatum, v.)----

GROVEI, Cl.-Per. Pleur. p.22-3f1; Det. S. p.257;

(Gyros. G.)---

GRUNDLERII, Grun.-Cl. I330p.54; Per. Pl. p. I5-3f1; Navic. p.39; Det. S. p.243;

intermedium. Darw. p. 33:

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HAMULIFERUM, Bn.-Brun & T.p.48-9f3; Per.Pleur.p.I3-5f3I;
Det.Syll.p.242;

(P. navicellaceum, v.)--

HASSALLII, Tabl.-Ebert, Cassel;

(Gyrosigma.)---

HEROS, Cleve Navic.p.44-4f20;

HIPPOCAMPUS, W.S.-A.M.N.1.1352p.10-2f9, 10; S.B.C.I.1.63-2f20; D.S.M.
S.1353p.205-13f3,4; Prit.1352p.1.20f9, 10; Prit.1.919-9f145; Carr.1.

II2; Grun.1330p.530-4f5; Roger, Tharso; Lewis, N. & R.S.1.71; Grun.1.
1.30; Hall; R.E.D.1.233; Ebert, 1371; M.T.P.3-4-3; Carr. Pleur.1.22;
Sr.Sp.1.No.404; Danf.1.33; V.A.S.1.117-2f13; T.No.179; Stern, River;
Cl.1330p.54; Wollé, 32f7; Triar.1335p.50-5f9; Perag.1.33; Per.Pleur.
p.17-4f4-7; Malaisie; Det.S.1.247;

(Gyrosigma; -Navicella; -Scaphinotarium.)---

HUNGARICUM, Cl. & B.-Brun & T.p.48-9f10; Per.Pl.1.II-4f14; Det.S.1.242;
Cleve, Navic.p.36;

HYALINUM, Grun.-Cl.1330p.52; Per.Pleur.p.12; Det.Syll.1.237;

(Pl. Javanicum, Grun.)----

IBERICUM, Per.Pleur.p.3-3f12; Cl.Nav.p.35; Det.S.1.233;

HYPERBOREUM, Grun.-Per.Pleur.1.24-3f14;

INFLATUM, Shadb.-T.M.S.1354p.15-1f9; Prit.1.913; B.S.M.1.Vol.7, pl.
7f17; R.E.D.1.241; Fortm.Cey.1.33;

(Pl. Ancestrale & Galle, 1.)-

INTERMEDIUM, S.B.C.I.1.64-2f200; Prit.1.913; Grun.1330p.537; Hall;
Carr.1.112; Schum.1337p.59; Lewis, N. & R.S.1.72.3.1.234; Cl.1337p.
333; 1333p.229; 1373p.19; 1373p.9; 1330p.52; Vega 1.475; Sr.Sp.1.No.
405; Petit Cat.1.23; Larr.1373p.49; V.A.S.1.115-13f5; T.No.174;
Triar.1335p.49-3f2; Wollé, 2f2; Per.Pleur.1.13-5 27, 28; Malaisie;
Det.S.1.235;

Det. Dm p. 17

(P. navicella, v.; -Gyros.)--

v. amphileptoides, Grun.-Law.1337p.29; Det.S.1.235; -(P. navicella, v.)

v. subrecta, Cl. Vega p.475;

(P. navicella, v.)--

ITALICUM, Per.Pleur.p.3-3f10;

JAPONICUM, Carr.1337p.53-29f14; Notar.1339p.99; Det.Syll.1.239;

Per.Pleur.p.7-3f15;

(P. navicellaceum.)---

JAVANICUM, Grun.-Cl.1330p.52; Nav.p.42; Cl. & M.No.143; Det.S.1.240;

Per.Pleur.p.12-5f10;

(Pl. an. inflatum, v., & hyalinum.)-

INCERTUM, Per.-Cleve Navic.1.43;

(P. navicella, v.)---

JAVANICUM, Peragallo, Pleur.1.3-2f17, 18;

(P. navicella, v.)

KARIANUM, Grun.-Per.Pleur.p.3; Cl.1330p.50-5f9;

(Pl. angulatum, var., & elongatum, v.)

KERGUELENSIS, Grun.-Cl.1330p.49; Per.Pleur.1.5-2f1; Cl.Nav.1.39;

Det.Syll.p.245;

KOELLMANNII, Cl.1330p.14, 56-4f30; Per.Pleur.1.21-3f3; -(Nav. Vega, v.)-

KOCHII, Part.3p. -9f153;

(Gyrosigma, v. 200 (14.))

KUTZINGII, Grun.1330p.531-4f3; 1333p.101; V.A.S.1.21f14; T.No.137;

Cl.1330p.59; Vega 1.491; 1391p.54; Larr. 1373p.49; Triar.1335p.52-

3f13; Perag.1.63; Wollé, 32f13; Malaisie; Schum.1337p.59; Herib.p.

123;

(Gyros.; -P. Spencerii, v., & gracilentum.)-

LACUSTRE, W.S.-A.M.N.1.1352p.12-2f14; Prit.1352p.1.20f14; S.B.C.I.1.

63-2f17; R.Bac. exs. No.70; Prit.1.919; Alar. Bac.; Carr.1.112;

Hall; Cl.1333p.229; Per. lists 1.21; Yellow, Lichon; Kuttig;

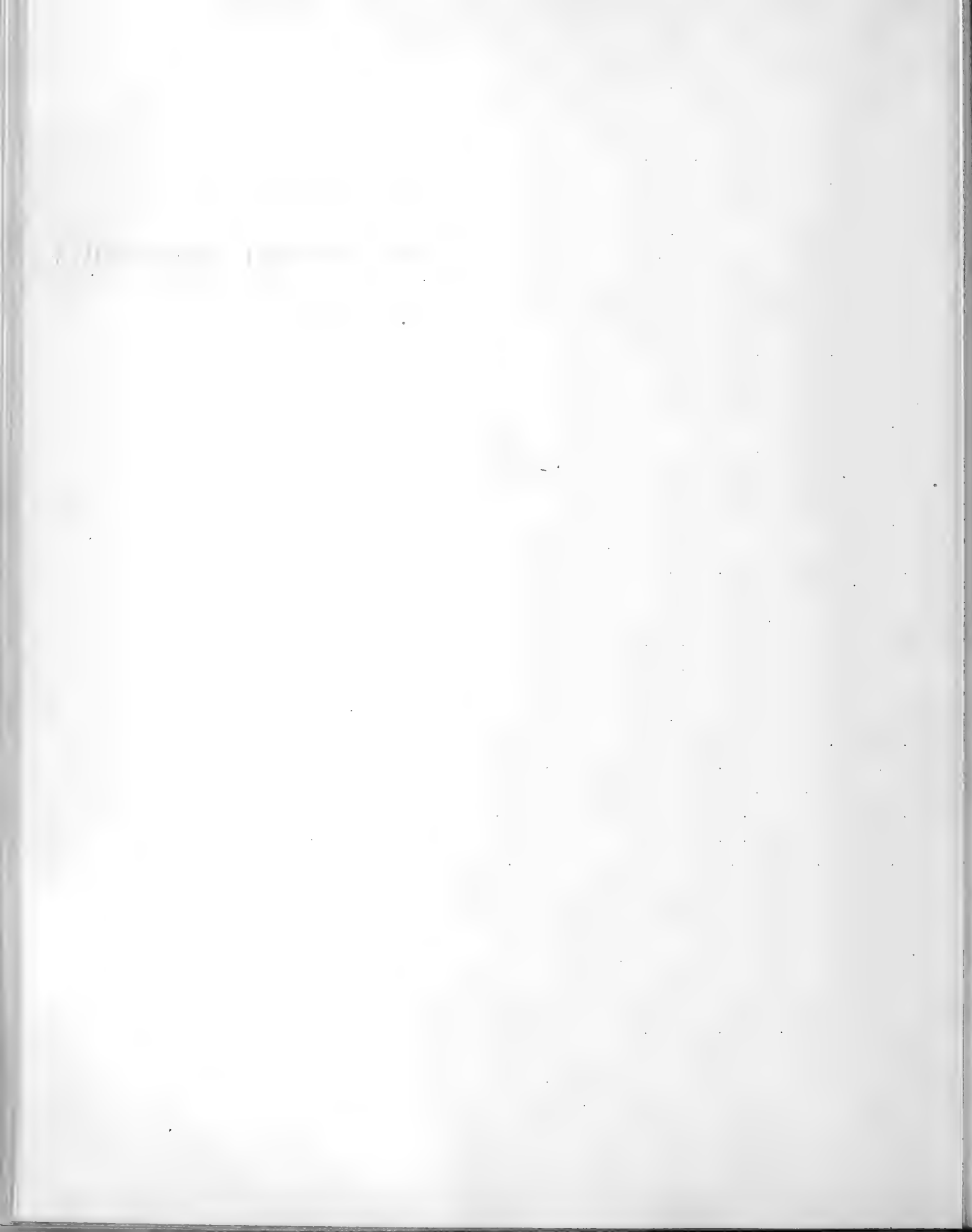
(Gyros. 1., & acuminatum; -Pl. acim.)

Concavatum, Jahn. D.M. p. 17:

marinum, Jahn. D.M. p. 16:

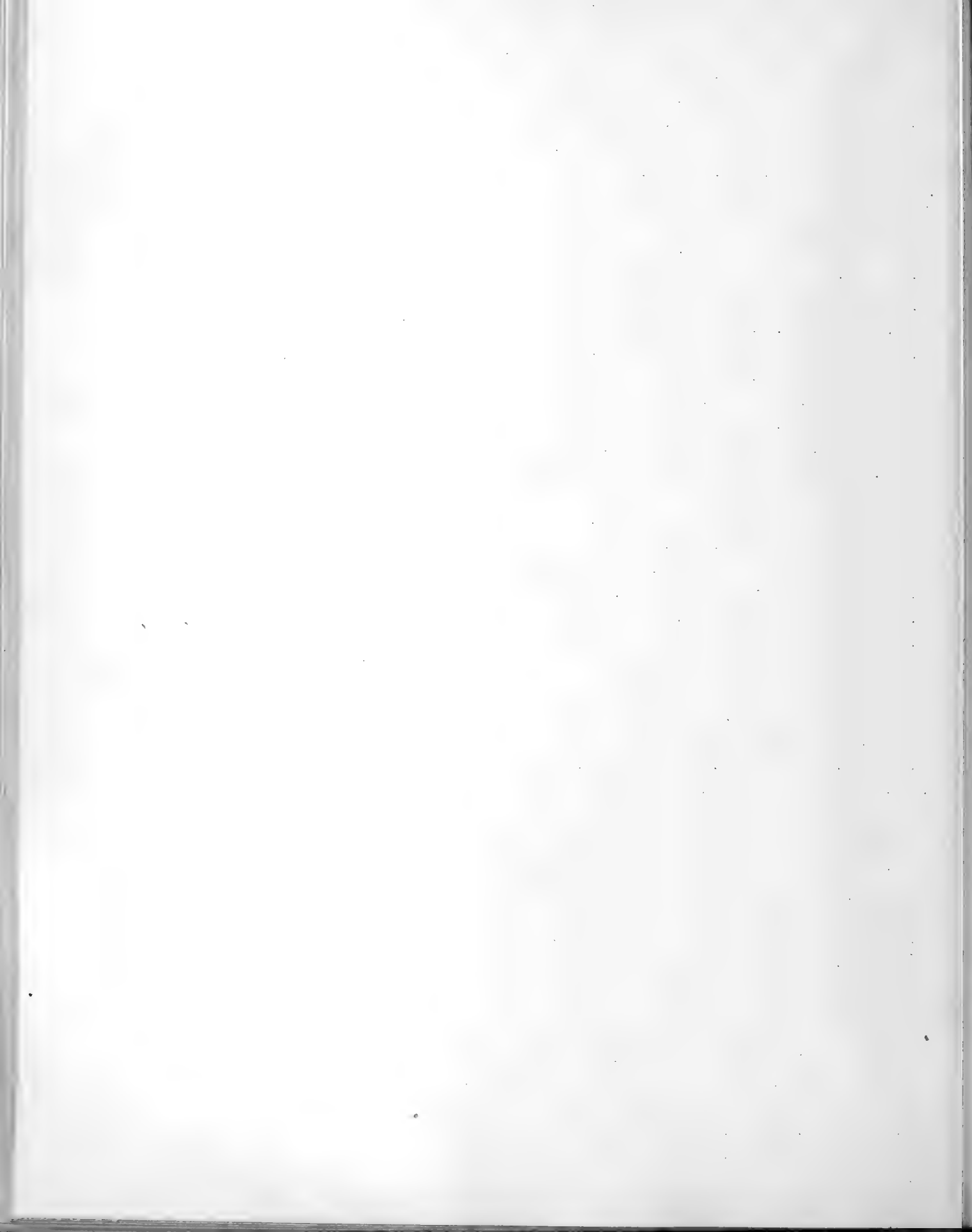
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- LAMPROCAMPUM, E.-Ralfs, Prit.p.917; R.E.D.p.237; Per.Pleur.p.24-3f12; Det.Syll.1.251; (Gyros. rectum, var. l.)---
- LANCEOLATUM, Donk.-T.M.S.1353p.22-3f4; Prit.1.913; Carr.1.112; Hull: R.E.D.1.233; Cl.1330p.53; Nav.1.37; Brn. & T.1.73; Det.Syll.1.253; Per.Pleur.p.12-5f14; *Q.M.S.1858p.197* (P.transversale, var. "l.")
- v.cuspidata, Cl.-N.L.K.D.1.5-1f7; Per.Pleur.1.12-5f15; Det.S.1.253;
- v.Tahitensis, Grun.-Cl.1330p.53; Navic.1.37; Det.S.p.259;
- LATUM, Cl.1330pp.14,51-3f53; Vega p.475; Nav.p.42; Malaisie; Det.S.p.236; Per.Pleur.p.3-3f17,19;
- LATIUSCULUM, Per.Pleur.1.6f12; Det.S.p.239; -(Pl.Stichogramma, var. l.)--
- LINEARE, Grun.-Cl.1330p.59; (Rhoicosigma.)-
- LITTORALE, W.S.-A.M.N.H.1352p.10-2f3; Prit.1352pl.20f3; Breb.D.C.p.10: S.B.D.1.67-22f214; Prit.p.916; Grun.1330p.560; Carr.1.112; Hull: R.E.D.p.233; R.Bac.Exs.No.27; Sm.Sp.1.No.406; Cl.1330p.54; Det.S.1.243; Per.Pleur.1.17-7f1; *Fortm.D.M.p.17* (Gyros. rectum.)
- LONGINUM, Brtw.-M.J.1359p.130-9f7; Prit.p.917; R.E.D.1.237; Lag.1370p.50; Cl.1330p.58; Malaisie; Per.Pleur.1.21-3f13; Det.Syll.1.256; (Pl.prælongum.)---
- LONGISSIMUM, Cl.-N.L.K.D.1.6-1f6; Malaisie; Per.Pleur.p.19-7f15; Det.S.p.257; (Gyros. linearae, var. l.; -Donkinia)
- LONGUM, Cl.1373p.19-3f14; Navic.1.37; 1330p.49-3f71; Vega p.475; Nav.p.38; Malaisie; Per.Pleur.p.5-2f2; Det.S.p.244;
- v.Americana, Per.-Cl.Nav.p.38; (P.decorum, v.)
- v.inflata, Perag.-Cl.Nav.p.39; (P.decorum, v.)-
- LORENZIANUM, Grun.-(Pl.Lorenzii; -Gyros. rectum.)---
- LORENZII, Grun.1330p.553-4f4; Per.Pleur.1.19-7f17; (P.Balticum, v.)-
- MACILENTUM, Per.Pleur.pl.5f24; Det.S.p.233; (P.obscurum.)--
- MACRON, Johnston.-M.J.1330p.15; (Gyros. & P.Balticum.)---
- MACRUM, S.B.D.1.67-3f273; Prit.1.913; Grun.1330p.559; Carr.1.111; Hull; Lewis, N. & R.S.p.67; Reinhard; R.E.D.p.231; Fortm.Cey.1.37; Cl.1330p.53; Vega p.475; V.N.S.1.119-2f19; Shark River; Wolfe, 32f1; Per.Pleur.p.26-3f4; Det.S.1.256; (Gyrosigma.)---
- MAJUS, Grun.-Cl.Nav.p.44-4f15; (P.affine, v.int.; -P.speciosum, var.m.)--
- MARINUM, Donk.-M.J.1353p.22-3f3; Prit.p.913; Carr.1.112; R.E.D.1.233; Pet.Cat.p.23; Cl. & M.No.149; 1330p.50; Vega p.497; Nav.1.37; Villef. p.54; Per.Pleur.1.3-3f11; Det.S.p.233; *Detm.1852p.3* (Pl.Barbaderia.)---
- v.Italica, Per.Pleur.p.3-3f10; Det.S.1.233; Cl.Nav.1.37;
- MAROCANUM, Cleve Navic.1.42; (Rhoicosigma f.)-
- MINUTUM, Donk.-T.M.S.1353p.24-3f3; (Donkinia f.)-
- MINUTUM, Grun.-Cl. & M.No.133; Carr.1.135; Per.Pleur.p.34; Cl. Nav.1.41-4f19; (Gyros. rectum, v.minutum.)
- MIRABILE, O.M.-M.J.1372p.193; Per.Pleur.1.34; -(P.pulegium.)-
- NAVICULACEUM, Breb.D.C.1.17,17; Prit.1.913; Guillard 1.36; R.E.D.1.232; Floegel, Baltic; Fortm.Cey.1.33; M.T.P.3-4-12; Cl.1373p.19; 1330p.51; Lagr.1370p.49; V.N.S.1.115-"C"105; Parag.1.32; Det.S.p.254; Per.Pleur.p.11-4f19-23; Cl.Navic.p.36; (Gyros.; -Pl.aequatoriale, Japonicum & transversale.)--
- var., Castr.1387p.37-23f3;



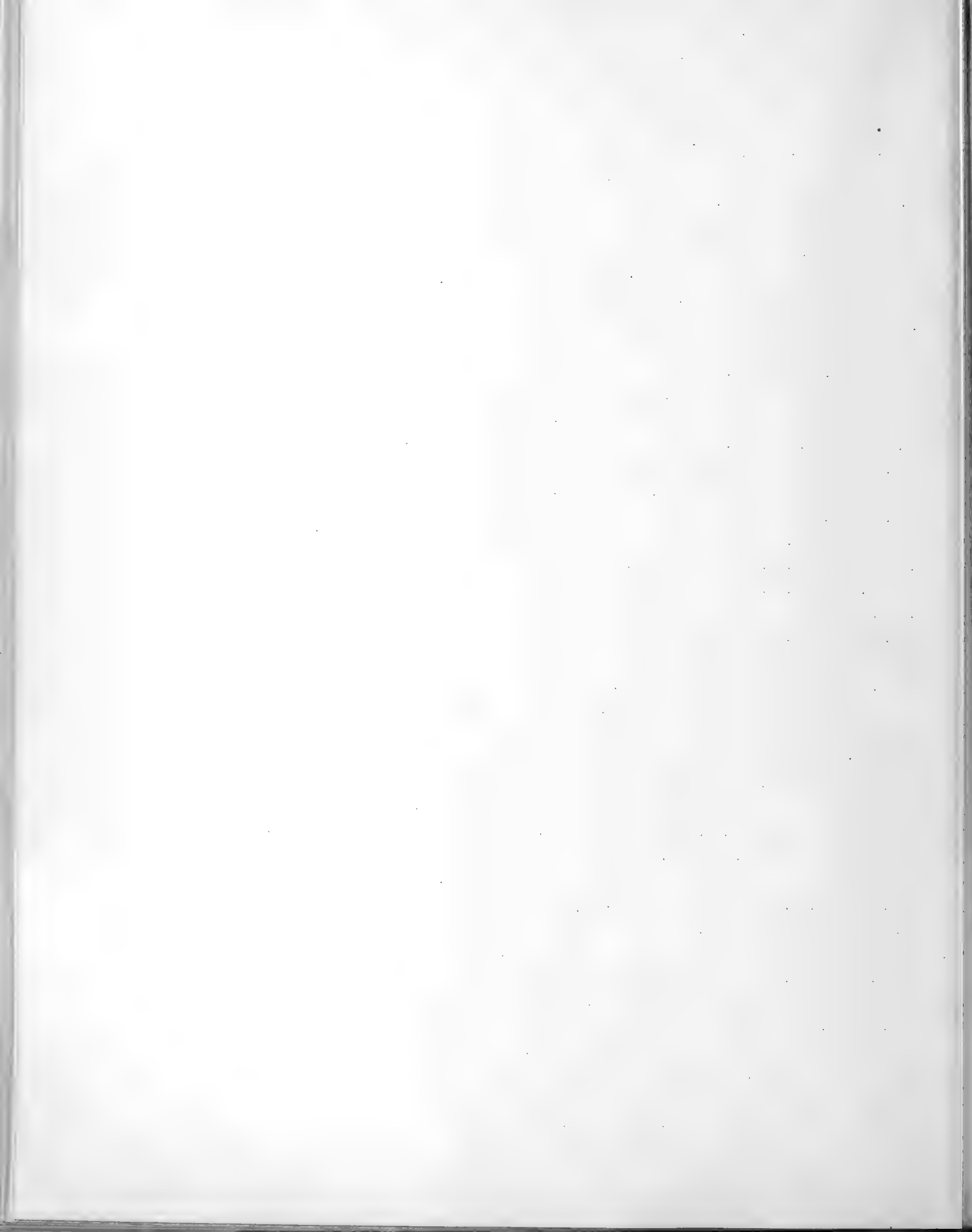
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- forma minuta, Cleve Navic.p.36;
- NEOGRADENSE, Pant.2p.55; 3p. -21f315; Del.Syll.p.241; -(P.Norman.,v.)
- NICOBARICUM, Grun.1330p.101; Cl.1330p.51; Nav.p.35; Malaisie; Del.S.
p.239; Per.Pleur.p.19-4f10,11; (P.affine,v., & valium, var.)--
- v.hamulifera, Bn.-Cl.Nav.p.36; -(P.ham.; -P.Nicobar.,v.Indica.)-
- v.Indica, Per.Pleur.p.10-4f12; Malaisie; Del.S.p.239; -(Var.hamulif.)
- v.sagitta, Bn. & Tp.-Cl.Navic.p.33; (Pl.sagittum.)-
- NODIFERUM, Grun.-Cl.1330p.59; V.H.S.pl.21f13; T.No.134; Per.Pleur.
p.23-3f26; (Gyros.(& Pl.) Spencian, var.n.; -N.sagittum)
- NORMANII, Ralfs, Prit.p.919; Hull: R.E.D.p.236; Malaisie; Cl.1330p.
14,52-3f37; Per.Pleur.p.10-4f6,7; Del.S.p.237; Cl.Navic.p.40; ~~Del.S. p.237~~
(Pl.affine,v.Norm.; -Pl.argulat.v.Norm.; -Pl.lanceolatum, Norman.)-
- v.fossilis, Grun.-Cl.Nav.p.40:
(Pl.affine,v.f.; -P.aestuarii,v.int.; -Pl.neoogradense & Virginianum.)-
- v.Marylandica, Grun.-Cl.Nav.p.40; (Pl.affine,v.Maryl.)
- NOTARISII, Castr.136 Intrasc.No.74; Hew.Vol.5,1.III:
Per.Pleur.p.34; Del.Syll.p.262;
- NUBECULA, Breb.D.C.p.10; S.B.D.II.64-21f20f; Prit.p.918; Carr.p.112;
Hull; Grun.1330p.557; Schum.1337p.59; R.E.D.p.232; Carr.p.33; Cl.
1330p.52; Vega p.475; Nav.p.34; Wollé,30f4; Per.Pleur.p.14-5f25;
Malaisie; Del.S.p.235; (Gyros.intermedium,v.)---
- v.amphipleuroides, Grun.-Cl.Nav.p.35; (Pl.intermedia,v.)--
- v.intermedia, W.S.-Cl.Nav.p.35; ~~Del.S. p.235~~ (P.inter.)
- v.Mauritania, Grun.-Cl.Nav.p.35;
- v.parvula, Grun.-Cl.1330p.52; Del.S.p.236; (Pl.nub.)-
- v.subrecta, Cl.Nav.p.35; (Pl.elongatum,v.Baltica; -Pl.sub.)~~Del.S. p.235~~
- v.Thumii, Castr.-Per.Pleur.p.14-5f25; (Pl.nub.)-
- OBLIQUUM, Grun.-Cl.1330p.56; Per.Pleur.p.13-3f34; Del.Syll.p.251;
(Gyros.scalpoides, var.obl.)-
- OBSCURUM, S.B.D.II.65-20f206; Prit.p.917; Heib.p.90; Grun.1330p.556;
Carr.p.112; Guinard p.36; Lewis,N. & R.S.p.67; Reinhard; R.E.D.p.233;
Cl.1373p.19; 1330p.49; Vega p.475; Nav.p.45; Flogel, Baltic; Sm.Sp.
T.No.407; Fortm.Cey.p.37; Shark River; Para.p.62; Villef.p.54; Per.
Pleur.p.5-1f14; Wollé pls.30f1; 32f12; Malaisie; Del.S.p.244;
(Gyrosigma; -Pl.macilentum & Peisonis.)- ~~Fortm. D.M.p.16~~
- var."b", Prit.p.917; Malaisie; Per.Pleur.p.5-1f15,16;
- v.Barbadensis, Cl.Navic.p.43;
- v.diminuta, Per.Pleur.p.5;
- v.Mediterranea, Grun.-Cl.1330p.49; Per.Pleur.p.5-2f5;
Del.Syll.p.244; (Pl.speciosum, var.)-
- OBUSATUM, Sullivant.-A.J.S.1359p.251; Prit.p.919; R.E.D.p.242;
Wollé,30f14; Truan 1335p.51-3f11; Malaisie;
(Colletonema & Endosigma & Pl. & Schizonema eximium.)--
- O'MEARII, Grun.-Per.Pleur.p.22-3f10; (Navicula O'M.)
- PARADOXUM, Per.Pleur.p.16-3f13; Del.S.p.246; (P.salinarum, var.)--
- PARKERII, Harrison.-M.J.1350p.104 cum icon; Prit.p.919; Hull; R.E.
D.p.240; Cl.1330p.57; V.H.S.p.113-21f10; T.No.190; Per.Pleur.p.25-
3f33; Truan 1335p.51-3f13; (Gyros.distortum,v.Park.; -P.fasciola.)--



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- * var. *stauroneoides*, Grun.-Cl. I33Op.57; Det. S.p.260:
 (Gyros. P., var. st.; -Pl. *Rebigerii*.)
 PEISONIS, Grun. I33Op.532-4f3; R.E.D. I.24I; Cl. I33Op.50:
 Per. Pleur. p.24-3f27; (P. *senilis* & *Spicerii*, J.)
 PELAGICUM, Perag. Pleur. I.7-3f3; Cl. Nav. I.37; -(P. *actum*, v. *Aristi*.)-
 PERACALLI, Brun. I39I.4I-20f3; Per. Pleur. I.9-3f29; Cl. Navic. I.35;
 Det. Syll. I.242:
 * v. *gracilior*, Cleve Navic. p.35;
 * v. *perangusta*, Cl. Navic. p.35;
 PLAGIOSTOMA, Grun.-Cl. I33Op.56; Per. Pleur. p.29-7f33;
 Det. Syll. p.25I; (Gyrosigma P.)
 PRAELONGUM, Cleve Navic. p.39; (P. *longinum*.)?
 PROLONGATUM, W.S.-A.M.N. I. I352I.9-2f7; S.B.D. II.57-22f2I2; Grun. I33Op.
 I.559; Prit. I352I.20f7; I35II.9I6; Breb. D.C. I. : Carr. I. III; Hill:
 R.E.D. p.23I; Floget, Baltic; Sm. Sp. T. No. 403; Cl. I33Op.53; Vega I.
 473; Per. Pleur. p.26-3f39; Det. S.p.259; *Fortm. D.M. p.16*; (Gyros.)--
 * v. *closterioides*, Grun.-Per. Pleur. I.26-3f40; -(Gyros. prol., v. *clust.*)---
 PULCHRUM, Grun. I33Op.556-4f2; R.E.D. p.24I; Fortm. Cey. I.33; Sm. Sp. T.
 No. 395; Cl. I33Op.43; Wollé, 32f3; Per. Pleur. p.4-If3; Det. S.p.244;
 (Pl. *speciosum*, var., & *mirabile*.)---
 PUSILLUM, Grun.-Cl. I33Op.54; Per. Pleur. p.15-6fI3;
 Det. Syll. p.246; (P. *salinarum*, var.)-
 QUADRATUM, S.B.D. I. 65-20f204; Breb. D.C. I. : Prit. p.9I6; Grun. I33Op.
 p.556; Herb. p.90; Carr. p. II2; Hill; Ew. N. I. I35I. I3f9; Cl. I33Op.229;
 I33Op.5I; R.E.D. p.235; M.M.J. I370I. I2I-59f3; M.T.P. 3-4-I4; Sm. Sp.
 T. No. 39I; V.4.S. I. I3fI; Carr. I33II.332, fI65; Wollé, 30fI0; Malaisie;
 Per. Pleur. p. II-5f7; Trian. I335p.49-3f3; *Fortm. D.M. p.17*;
 (Gyrosigma; -Pl. *angulatum*, var., & *rhombum*.)--
 * var. "b", W.S.-Per. Pleur. p. II-5f3; S.B.D. I. 65-20f204b;
 RECTUM, Donkin.-T.M.S. I353p.23-3f3; Carr. p. II2; Malaisie;
 (Donkinia; -Amphipora *Ralfsii*; -Gyrosigma; -Donk. & Pl. *compactum*.)
 REVERSUM, Greg. D.C. p.53-6fI05; Prit. p.9I7; Carr. p. III; Sm. Sp. T. No.
 409; Cl. I33Op.57; Per. Pleur. p.20-7fI0; Det. Syll. p.250;
 (Donkinia; -Gyros. *diminutum*, var. *constricta*.)-
 RHOMBEUM, Grun.-M.T.P. 3-4-I6; Cl. I33Op.50; Per. Pleur. p.3-3fI3, I4;
 Det. S.p.24I; Cl. Nav. p.42; Malaisie; -(P. *quadratum*, v., & *angulatum*.)---
 RHOMBOIDES, Cl. I33Op. I. I4, 54-4f73; Vega I.473; Det. Syll. I.245;
 Per. Pleur. p. I5-5fI4; (Pl. *Stuxbergii*, v. *rh.*)---
 * v. *angustior*, ; Cl. Vega p.473;
 RIGIDUM, S.B.D. II. 64-20fI93; Prit. p.9I6; Grun. I33Op.557; Carr. p. II2;
 Breb. Verm. p. I0: Hill: R.E.D. p.232; Cl. I33Op.229; I373p. I9; Vega I.
 475; Navic. p.39; Sm. Sp. T. No. 4I0; Lewis, M. & R. S. p.37; Fortm. Cey. p.33;
 V.4.S. I. I9f3; T. No. I73; Perag. p.62; Villef. I.54; Per. Pleur. p. I4-
 6f3, 4, 6; Wollé, 30f3; Trian. I335p.49-3f4; Malaisie; Det. S. p.237;
 (Gyrosigma; -Pl. *valium*.) *Fortm. D.M. p.16*.
 * v. *gigantea*, Grun.-Cl. Nav. I.39; (Pl. *gig.*)-
 * v. *incurvata*, Bn.-Per. Pleur. p. I5-3f7; Cl. Nav. I.39; Det. Syll. I.207;
 ROBUSTUM, Grun.-Cl. I33Op.56; Malaisie; (Gyros.; -Rhoicosigma.)---



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- SALINARUM, Grun.-Cl. & M.No. 214; I.330p.54; Nav. p.39; Det.Syll. p.247;
 Per.Pleur.p.16-6f16; (P. delicatulum, v.)--
 ' v. paradoxa, Perag.-Cl. Nav. p.39; (Pl. par.)--
 ' v. pusilla, Grun.-Cl. Nav. p.39; (Pl. pas.)--
- SAGGITA, Brun & T. p.49-9f19; Per.Pleur.p.10-4f13;
 Gallik, Papan; (Pl. Nicobarica, v. s.)---
 SCALPELLUM, K.-Prit. p.917; R. Alg. Eur. No. 1101; R.E.D. p.237;
 Gallik, Papan; Per.Pleur.p.34; (Gyros.; -Navic.; -P. Spencerei.)
- SCALPROIDES, Rabb. E.D. p.241; R. Alg. Eur. No. 1101 sub; Bleisch, 1858;
 V.H.S. p.120-2f11; Delogne; Cl. I.330p.60; Truan 1835p.52-3f14; Perag.
 p.63; Bellon, Luchon; Per.Pleur. p.25-3f81; Det.Syll. p.261;
 (Gyrosigma; -Nav. sigma; -Pl. acuminatum, v.)----
- SCALPRUM, Gaillon.-Ralfs, Prit. p.919; R. Bac. Exs. No. 77; Alp. Eur. 2013;
 Hull: R.E.D. p.236; Sm. Sp. 1. No. 411; Cl. I.330p.55; V. H. S. p.120f4; T. No.
 172; Truan 1835p.50-3f3; Per.Pleur.p.17-7f3; Det.S. p.246; -(Cymbella; -
 Gyrosigma acur, var. Breb.; -Navicula; -Pl. Balticum acur.; -P. Breb., var.)
 ' v. Gallica, Grun.-V. A.T. No. 172 sub; -(P. Gal.; -Gyros. acur., v.)----
- SCIOTENSE, Sullivant.-A.O.S. 1859p.251; Prit. p.917; R.E.D. p.241;
 Cl. I.330p.59; Wille, 30f12; Per.Pleur.p.34; Det.S. p.255;
 (Gyros. plagiostomum; -Pl. simile.)--
- SIMILE, Grun.-Cl. I.330p.53; Per.Pleur.p.19-2f27; Det.S. p.251;
 (Gyrosigma (& Pl.) Balticum, var.; -P. Sciotoense.)--
- SIMUM, E.-Ralfs, in Prit. p.917; Per.Pleur.p.35; R.E.D. p.241;
 Det.Syll. p.262; (Navicula s.)--
- SINENSE, E.-Ralfs, in Prit. p.916; R.E.D. p.241; (Navic.)--
- SINENSE, Cleve, & M.No. 173; Cl. I.330p.57; Per.Pleur. p.20-7f14; Det.S. 252;
 ' v. Calcuttensis, Grun.-Cl. I.330p.57; Per.Pleur. p.20-7f12;
 Det.S. p.252; (Gyros. Balticum, v. Cal.)--
- SINUOSUM, E.-Ralfs, Prit. p.917; R.E.D. p.236; Per.Pleur. p.35;
 Det.Syll. p.262; (Navic.)
- SMITHIANUM, Castr. 1837p.33-23f6; Notar. 1839p.691;
 Det.S. p.261; (Gyros. compactum.)--
- SMITHII, Grun. 1830p.530; R.E.D. p.233; Cl. I.330p.53; Det.S. p.256;
 Per.Pleur. p.21; (Gyros. striata, v.; -P. acuminatum, w. S.)--
- SPECIOSUM, W.S.-A.M.N. 1852p.6-1f3; Prit. 1852, l. 1013; S.B. C. 1. 35-
 20f197; Prit. p.917; Grun. 1830p.557; Carr. p. III; R.E.D. p.232; Cl.
 I.330p.49; Navic. p.44; Villef. p.54; Per.Pleur. p.3-2f13-16; Det.Syll.
 p.236; Malaisie; *fortm. Dm. p. 161* (Gyrosigma.)--
- ' var., Castr. 1837p.37-23f2;
 ' v. abrupta, Per.Pleur. p.3-2f11; Malaisie; Cl. Navic. p.44;
 Det.Syll. p.236; (Pl. abr.)--
- ' v. gracilis, Per.Pleur. p.3-2f19; Malaisie; (Pl. grac.)
- ' v. javanica, Per.Pleur. p.3-2f17, 18; Malaisie; Det.S. p.236;
 Cl. Navic. p.44; (Var. Sumatrica.)----
- ' v. major, Grun.-Cl. I.330p.49; Det.Syll. p.236; (Pl. majus.)----
- ' v. pulchra, Grun.-Cl. Nav. p.44; (Pl. pul.)--
- ' v. Mediterranea, Grun.-Cl. Nav. p.14; (P. obscurum, var. M.)--
- ' v. Sumatrica, Per.Pleur. : (Var. javanica; -Pl. Sum.)--
- ' v. tortuosa, Cleve Navic. p.44: (Pl. tortuosa)

SPECTABILE, Grun.-Pl. Pleur. p. 21-7f14; Det. Syll. p. 252:-(Gyrosigma s.)-
 SPENCERII, W.S.-A.M.N. 1.1352p.12-2f15; Prit.1352p.1.2015; S.B.C.1p.
 63-22f213; Dublin Soc.Nat.Hist.1353; O.C.P.S.1353p.253; R.E.D. Exs.
 No.75; Prit.p.919; Grun.1330p.532; Carr.p.112; Blaisdell, 1333; Hill;
 R.E.D. p.240; Eiben, 1371; Per. lists p.24; Grun. Alp. p.91-111; Sm.Spl. 1.
 No.412; Kinnora; Sir. Jap. p.14-2f21; Belloe, Lichon; Calif. p.33; Cl.
 1330p.59; Vega p.475; 1391p.54; V. U.S. p.116; Perag. p.32; Malaisia;
 Per. Pleur. p.22; Lake Michigan; Wollz, 3015-3; Det. Syll. p.253; Grun.
 p.122: (Gyrosigma; -Navicula; -Pl. Peisonis.)

var., Cleve 1330p.60; Lake Michigan;

v. acutiuscula, Grun.-V. U.S. p.113; T.No.133; Det. S. p.254;
 Per. Pleur. p.23-3f29, 30; (Gyros. Kutzin, 11, var.)---

v. Antillarum, Grun.-Cl. 1330p.60; Per. Pleur. p.23;
 Det. Syll. p.254; (Gyros. Sp.)----

v. Arnottii, Grun.-Cl. 1330p.59; Per. Pleur. p.23-3f13, 19;
 Det. Syll. p.254; (Gyros. Sp.)----

v. borealis, Grun.-Cl. 1330p.60-4f79a,c; Vega p.475;
 Per. Pleur. p.23-3f15; Det. S. p.254; (Gyros. Sp.)

v. curvata, Grun.-Cl. 1330p.60; V. U.S. p.116; T.No.135; Per. Pleur.
 p.23-3f20, 24; Det. S. p.254; (Gyros. Sp.; -Nav. & Pl. curvata.)----

v. exilis, Grun.-Cl. 1330p.60; Per. Pleur. p.23-3f25;
 Det. Syll. p.255; (Gyros. Sp., var. ex.)--

v. Febigerii, Per. Pleur. pl. 3f28;
 (Gyros. Feb.)---

v. Kutzinii, Grun.-V. U.S. p.113; Per. Pleur. p.22-3f22;
 Det. S. p.254; (Gyros. & Pl. Kutz.)-

v. minutula, Grun.-Cl. 1330p.60; Per. Pleur. p.23;
 Det. S. p.255; (Gyros. Sp. var. m.)---

v. nodifera, Grun.-V. H.S. p.113-2f13; T.No.134;
 Det. S. p.254; (Gyros. Sp. var. n.; -Pl. nod.)----

v. Peisonis, Grun.-Per. Pleur. pl. 3f27; Det. Syll. p.253;
 (Gyros. Wansbeckii, v.; -Pl. Peisonis.)--

v. scalproides, (Gyros. & Pl. scalproides)

v. Smithii, Grun.-Cl. 1330p.59; V. U.S. p.113-2f15; T.No.133; Det. S.
 p.253; Per. Pleur. p.23-3f21, 16; (Gyros. Sp.; -Pl. Smithii, var.)

v. subulina, Per. Pleur. pl. 3f16, 17; Det. S. p.255:-(Gyros. Wansbeckii, v.)

STAUROPHORUM, Grun.-Cl. 1330p.61; Vega p.475; Det. S. p.271:-(Rhoicosigma)

STAUROPHORUM, Per. Pleur. p.27-3f45; Det. Syll. p.257: (Caloneis.)

STRIGILE, W.S.-A.M.N. 1.1352p.3-2f4; Prit.1352p.1.2014; Blaisdell, 1333;
 S.B.C.1p.61-22f203; Prit.p.919; Grun.1330p.559; Carr.p.112; Hill; R.

E.D. p.238; Roper, Thames; Sm.Spl. 1.No.413; M.T.P.3-4-7; V. U.S. pl.2012;

T.No.175; Cl.1330p.53; 1391p.54; Per. Pleur. p.21-3f4, 5; Det. Syll. p.

253; Fortm. D.M. p.17: (Gyrosigma; -P. Balticum & tropicum.)

STRIGIUM, Schum.1337p.59-2f53; Per. Pleur. p.35;

STRIGOSUM, W.S.-A.M.N. 1.1352p.7-1f3; Prit.1352p.1.1916; Blaisdell, 1333;
 S.B.C.1p.64-2f203; Prit.p.913; Grun.1330p.553; Carr.p.112; R.E.D.

p.232; Eil. Spl. 1.No.73; Schum.1337p.59; Hill; Eiben, 1371; Sm.Spl. 1.No.

414; Flogel, Baltic; Cl.1373p.9; Java p.14; 1330p.51; Vega p.475,

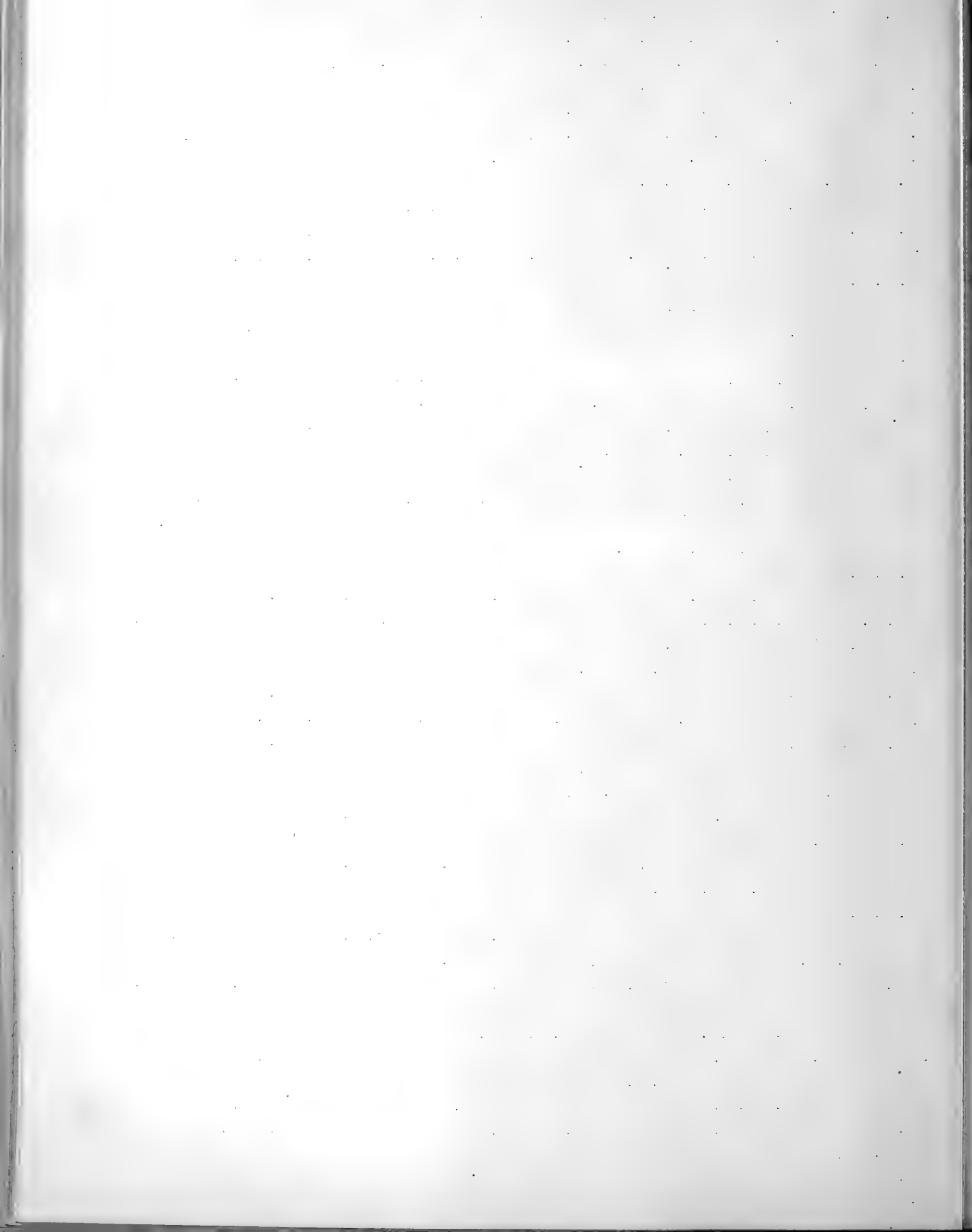
506; Perag. p.32; Lagr.1373p.43; V. U.S. pl.1912; Malaisia; Per. Pleur.

p.11-5f1, 2: (Gyrosigma; -Pl. angulatum, var.)

W. S. 1889. 171. Intm. D. M. p. 16.

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- * var. *convexa*, Cl. Vega p. 512; (Pl. con.; -Pl. angustatum, v. conv.)----
 STUXBERGII, Cl. & Grun.-Cl. 1330p. 54-4f74; Vega p. 476; Nav. p. 41; Grun.
 1334p. 105-1f53a, b; Per. Pleur. p. 15-3f9; Del. S. p. 243; (Rhoicosigma.)--
 * v. *diminuta*, Per. Pleur. p. 15-3f10;
 * v. *hyperborea*, Grun.-Cl. Vega p. 476;
 * v. *latiuscula*, Per.-Cl. Navic. p. 41; (Pl. lat.)--
 * v. *minor*, Grun. 1334p. 105-1f57a, b; Per. Pleur. p. 15-3f11;
 Cl. Nav. p. 41; Del. Syll. p. 243;
 SUBRECTUM, Cl. 1330pp. 14, 53-3f72; Per. Pleur. p. 14-5f30;
 Del. S. p. 235; (P. intermedium, v.)--
 SUBRIGIDUM, Grun.-Cl. 1330p. 49; Per. Pleur. p. 15-2f5; Cl. Nav. p. 39;
 Del. S. p. 245;
 SUBSALINUM, Per. Pleur. p. 24-3f15, 17; (P. Sp. con. II, v.)---
 SUBTILE, Breb.-Ralfs, Prit. p. 917; R. E. D. p. 237; Per. Pleur. p. 35;
 Del. S. p. 262; (Navicula s.)--
 SULCATUM, Grun.-, Per. Pleur. p. 25-3f43; Del. S. p. 243;
 (Gyros. & Pl. fasciola, v. sulc.; -Rhoicosigma.)----
 SUMATRANICUM, Per. Pleur. p. 6-2f16, 18; (P. speciosum, var. ?)-
 TAHITIENSE, Witt.-J. M. G. 1373p. 67, f13; Per. Pleur. p. 34:-(
 (Toxonidea laevis.)
 TAHITIENSE, Castr. 1337p. 33-23f4; Notar. 1339p. 691; Per. Pleur. p.
 33-2f10; 10f9; (Rhoicosigma.)----
 TENUIROSTRE, Grun.-, Per. Pleur. p. 25-3f42;
 Del. S. p. 243; (Gyros. & Pl. fasciola, v. tenuirost.)
 TENUISSIMUM, S. B. C. p. 57-22f213; Prit. p. 917; Grun. 1330p. 559; Hall;
 Carr. p. 112; R. E. D. p. 237; Eisen, 1371; Cl. 1330p. 53; Vega p. 476; Per.
 Pleur. p. 21-3f13; Perap. p. 63; Del. S. p. 258; Fort Damp. 71; (Gyrosigma.)--
 * v. *hyperborea*, Grun.-Cl. 1330p. 53-4f77; Vega p. 476; Del. Syll. p. 259;
 Per. Pleur. p. 24-3f14; (Gyros. ten., var. h.)-
 * v. *subtilissima*, Grun.-Cl. 1330p. 53; Vega p. 476; Del. S. p. 259;
 Per. Pleur. p. 24; (Gyros. ten., v. subtil.)---
 TERRYANUM, Per. Pleur. p. 13-7f21; (Gyros. t.)--
 THUMII, Cl. Mss.; Per. Pleur. p. 17; (Donkinia.)--
 THUMII, Castr. 1339p. 3; Per. Pleur. p. 14-5f25; Notar. 1339p. 796;
 Del. Syll. p. 239;
 THURINGICUM, Ralfs, Prit. p. 919; (Gyros.; -Navic.; -Pl. angustatum.)----
 TORTUOSUM, Cl. -N. L. K. C. p. 5-1f6; Per. Pleur. p. 9-2f12; Malaisia;
 Del. S. p. 233; (Pl. speciosum, var.)-
 TRANSVERSAL, S. B. C. p. 96; Grun. 1330p. 557; Carr. p. 112; Cl. 1330p. 229;
 Hall; Sm. Sp. p. 1415; Wille, 2f3; (Gyros.; -Pl. naviculacum.)----
 * var. "b", lanceolata, Roper.-M. J. 1353p. 25-3f11; (Pl. lanceol.)--
 TRANSYLVANICUM, Pant. 3p. -3f94; (Gyros. acuminatum.)-
 TROPICUM, Grun. 1330p. 559-3f34; R. E. D. p. 241; Cl. 1330p. 53; Del. Syll.
 p. 257; Per. Pleur. p. 21-3f7; (Gyros. & P. stylile, v.)-
 UMBILICATUM, Cleve Navic. p. 43-4f22;
 VALIDUM, Schaub.-T. S. 1354p. 16-1f3; Prit. p. 913; Grun. 1330p. 101; R. E.
 D. p. 242; Petit Cat. p. 23; Fortm. Cay. p. 39; Grevillea Vol. I, p. 91; Cl.
 1330p. 53; Malaisia; Villef. p. 54; Del. S. p. 245;
 (Pl. giganteum & rigidum.)----



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- * var. *Nicobarica*, Grun. 1333p. 101-1a, f20; Malaisie; Grevillea, Vol. I, p. 92-6f5a, b; (Pl. Nic.)-
 VIRGINIANUM, H. L. Sm. Sp. 1. No. 416; A. R. J. M. 1377p. 13; Atlantic Cit.; Wollé, 31f7: (Pl. Normannii.)
 VITREUM, Cl. 1330pp. 15, 30-4f73; Vega p. 476; Malaisie; Per. Pleur. p. 22-3f9; Det. Syll. p. 259; (Navicula v.)--
 WANSBECKII, Donk. -1. M. S. 1353p. 24-3f7; Bren. D. C. p. 22; Prit. p. 917; R. E. D. p. 238; Carr. p. 112; Lagr. 1376p. 50; Sm. Sp. 1. No. 417; Malaisie; Cl. 1330p. 53; Vega p. 476; M. T. P. 3-4-II; (Gyros.; -Pl. Balticum, 'b'.)---
 WEISSBLOGII, Grun. -Cl. Navic. p. 43; (Rhoicosigma.)--
 WORMLEYI, Sullivant. -A. J. S. 1359p. 251; Prit. p. 919; R. E. D. p. 240; Lake Michigan; Cl. 1330p. 59; Per. Pleur. p. 35; Det. Syll. p. 255; (Gyrosigma Kutzingii; -Pl. Spencerii.)---

PLEUROSIPONIA. - (C. G. Th. 1844)

- AFFINIS, E. -Mik. pl. 33-1f4; 1353p. 33; Abh. Ber. 1353p. 32; 1370p. 58 pl. 3-3f6; Prit. p. 915; R. E. D. p. 245; Det. Syll. p. 325; - (Frag. Navicula.)--
 AMPHISBAENA, E. -Mik. p. 242; Abh. Ber. 1354p. 316; 1370p. 53, pl. 3-3f4, 5; Mik. 1353p. 33; R. E. D. p. 243; Det. S. p. 326; (Navic.)--
 FULVA, E. -Mik. p. 242; Abh. B. 1354p. 316; 1370p. 53, pl. 3-2f2, 3; R. E. D. p. 242; Det. Syll. p. 326; (Nav.)---
 GRACILIS, Rabh. E. D. p. 243; Abh. Ber. 1353p. 203; 1370p. 53; Det. S. p. 327; (Nav.)---
 LIBYCA, E. -Mik. p. 199; A. Ber. 1370p. 53; R. E. D. p. 243; Det. S. p. 327; (Nav.)
 OBTUSA, E. -R. E. D. p. 243; Abh. Ber. 1370p. 53; Det. Syll. p. 327; (Nav.)
 PLOENICENTERON, E. -Mik. p. 53; 1353p. 33; Abh. Ber. 1370p. 59, pl. 3-3f1; R. E. D. p. 243; Det. Syll. p. 327; (Nav.; -Stauroneis.)-

PLEUROSIRA. - (Menez, 1844)

- BAILEYI, Meneg. A. N. D. p. 393; (Melosira B.)--
 THERMALIS, Meneg. A. N. D. p. 391; - (Odontella polymorpha; Cerataulis; -Melosira.)--

PLEUROSTAUROM. - (Menez, 1844)

- , De Toni, Oss. Bac. 1390p. 396; -, Pfitzer p. 57:
 ACUTUM, Rabh. Alg. Eur. Nos. 341, 347 sub; Bleisch, 1353; Law. 1359p. 25-1, f'B': 2f13; 3f5; R. E. D. p. 259, f32; Grun. 1333p. 101; Cl. Nav. p. 150; M. T. P. 3-4-22, 23; Det. Syll. p. 222; (Stauroneis a.)
 * v. maxima, Grun. 1333p. 101:
 FRAUENFELDIANUM, Grun. 1333pp. 20, 101-1f13; Grevillea Vol. I, p. 41-2f 13a-a; M. T. P. 3-6-1; Cl. & M. No. 99; Malaisie; Det. S. p. 223; Cl. Navic. p. 150; (Stauroneis.)--
 FULMEN, E. -Grun. 1333p. 101; Det. S. p. 223; Cl. Nav. p. 150; (Stauroneis.)
 JANISCHII, Hilse 1360p. 33; Det. Syll. p. 224;
 JAVANICUM, Grun. 1333p. 20, 101-1f14; Cl. & M. No. 99 sub; Grevillea Vol. I, p. 41-2f14; Malaisie; M. T. P. 3-6-2; Det. Syll. p. 224; Cl. Nav. p. 150; (Stauroneis J.)---
 LEGUMEN, E. -Rab. E. D. p. 259; J. D. C. 1394p. 306; Delogne; Det. S. p. 222; Cl. Navic. p. 149; (Stauroneis l. & linearis)
 * v. maxima, Grun. 1333p. 101; Det. Syll. p. 223;

diluviana, Cl. - J. Q. B. 1885 p. 174-13 f 16.

22-11-1885 1885 p. 174-13 f 16.

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- v. curta, Rab. E. D. p. 259: (Stauroneis Smithii.) ---
 v. gracilis, Rabh. E. D. p. 259: (P. lineata.) ---
 LINEARE, Hilse 1350p. 33; Rab. Krypt. Fl. p. 43; Alg. Eur. No. 1161;
 (P. legumen; -Stauroneis l., Ehrb.) --
 OBLONGUM, Grun. -Cl. Navic. p. 149;
 PARVULUM, ~~Grun.~~ -Cl. & M. No. 139; Navic. p. 149; Sm. Sp. 1. No. 395;
 Del. Syll. p. 223: (Caloneis fasciata; -Stauroneis.) ---
 TUMIDULUM, Grun. -Cl. & M. No. 261; Del. Syll. p. 224:
 SAGITTA, Grun. -Cl. & M. No. 261; Cl., M. L. K. D. p. 15-3f45;
 Del. S. p. 224: (Stauroneis.) ---
 SCAPHULAEFORMIS, ~~Grun.~~ -Cl. & M. No. 274; Del. S. p. 224; (Stauroneis.) ---
 SMITHII, Grun. -Cl. & M. 242; Navic. l. 149; Del. Syll. l. 224: - (Stauroneis.) ---

PLEUARIA. - (Pant., 1844)

- PETASIFORMIS, Pant. 2p. 83-23f403, 405; Del. Syll. p. 350: (temiculis.)

PODISCUS. - (Bailey, 1842)

- ROGERSII, Bailey. - A. J. S. 1843p. 133-3f1, 2; 1845p. 204; - (Eh. R., & Bailey)
 " var. *Septenaria*, Bailey ? (K. S. G. p. 135)

PODOCYSTIS. - (Grün., 1840)

- ADRIATICA, K. B. p. 62-7f6; 30f30; K. S. A. p. 59; Bailey & 4. pl. 9f27; Prit.
 p. 772-4f10; Grun. 1362p. 457-10f13; ²Calr. l. 73; Valaisia; Ital.; R. L.
 D. p. 60, f14; Sm. Sp. 1. No. 413; M. T. P. 2-4-14; Cl. 1373p. 12; V. H. T. 366;
 Perag. p. 63; Villef. p. 63; Woll. 5f19; Del. Syll. l. 301; V. H. S. pl. 55f3;
 (Doryph. elegans; -Euphyllod. spathulat.; -Sur. A. & ovalis; -P. Americana.)
 AMERICANA, Bailey M. S. p. 11, f33; S. B. 2, 2. 10f; Lewis, M. & R. S. l. 71;
 M. D. pl. 42f21; Jan. & R. p. 11-2f14; Woll. 5f14, 18;
 (Doryphora elegans; -P. Adriatica.) --
 AUSTRALICA, Witt. - J. M. G. 1373p. 70-3f10; Neuw. 1373p. 57, 125; Del. S. l. 302: --

PODOCISCUS. - (Grün., 1840)

- JAMAICENSIS, K. B. p. 51-2f7; Meneg. A. N. D. l. 337; K. S. A. l. 25; Grun. 78p. 3;
 Prit. p. 315-12f33; M. D. pl. 13f16; R. Alg. #2489: (Lysionotia moniliforme.) -

PODOSIRA. - (Grün., 1840)

- , Amer. Natur. 1869p. 510-13f25:
 --, A. S. Atlas 140f3-10, 13, 14, 16:
 --, Meneg. A. N. D. p. 333:
 ADRIATICA, ~~Grün.~~ - Men. A. N. D. l. 336; K. S. A. p. 25; V. H. S. l. 34f20;
 Villef. p. 79: (P. adriatica; -P. & hyalouriscus horridus, v.) -
 AMBIGUA, Grun. - J. R. M. S. 1879p. 639-2f4; Cl. 1380p. 113; Vepa p. 510;
 Del. Syll. p. 1333: (hyalouriscus stellata, Grun.) --
 v. Kamtschatica, Grun. - Cl. 1380p. 119; Del. S. p. 1333;
 ARCTICA, ~~Grün.~~ - Cl. 1380p. 113; Del. S. l. 1333: (hyalouriscus.) --
 BALDOCKIANA, Grun. - Atlas 130f40; 133f11; Bot. Cbl. t. 1333p. 324;
 Pant. 2p. 80; Del. Syll. p. 1364;
 BORYANA, Pant. 2p. 81-25f332; Del. S. p. 1364;
 COMPRESSA, West. - T. M. S. 1350p. 150-7f11; Prit. l. 315, 953-3f34; R. L. l.
 1. 37; Shark River; Del. S. p. 1365; (Druridgea c. & geminata.) ---

7 glacialis, Cl. R.S.A. Rep. '96 p. 12-2 f. 17-20: Cl. 1897 p. 24:

+ Stomacides, K. - Petit, Cap Horn: Folm: D.M. p. 27:

" v. minima, Gn. - Oestrup 1897 p. 346: - (P. minima.)

" v. Montagnei, K. - Oestrup 1897 p. 346: - (Pod. Mont.)

+ maius, K. - Petit, Cap Horn:

1. Montagnei, p. 346: - 4

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CONSTRICIA, Pant. 3pl. 33f473; 36f506; Del. S. p. 1355; -(Melos. Borealis, v.) -
COROLLA, A. S., Atlas 140fII, 12:

DELICATULA, Grun. -V. H. S. pl. 34f19-21; T. No. 456; Del. Syll. p. 1354;

Italy:

(P. Adriatica, v.)----

DUBIA, K. -Grun. -V. H. S. pl. 34f13, 14; Del. S. p. 1364:

(Melosira.)

WEBIGERII, Grun. -V. H. S. pl. 34f22-24; Cl. 1330p. 119; Del. Syll. p. 1353;

Wolle, 59f10, 12, 13;

HORMOIDES, K. B. p. 52-28f5; 29f34; K. S. A. p. 23; S. B. D. 21. 53-49f227; M. verm.

D. pl. 3f40; Bren. D. C. p. 8; Prit. 1352pl. 13f45; 1351. 3f15-2f45; Carr. p.

9I; Araisone 1363p. 396; Hall; Grun. 1333p. 23; 1373p. 33f4R. E. D. p. 37,

f9; Lewis, N. & R. S. p. 71; Jan. G. p. 29; Schm. N. D. p. 3f40; O'M. I. D. p.

250; Sm. Sp. 7. No. 419; J. R. M. S. 1379p. 639-2f17; Italy; V. H. S. pl. 34f13;

Cl. Nares; 1330p. 118; Vega pp. 439, 502; J. R. C. 1337p. 37; Perag. p. 77;

Villef. p. 79; Wolle, 59f14-16; Del. S. p. 1351; *Det. 1877 p. 346*:

(Cyclotella Scotica; -hyalodiscus; -Melosira; -P. minima, moniliformis, nummuloides; -Trochiscia moniliformis.)-

v. Adriatica, K. -Cl. Vega p. 439:

(P. Adri.)---

v. glacialis, Grun. 1334p. 138-5f32; Del. S. p. 1352; *Det. 1877 p. 346*:

v. Groenlandica, Grun. 1334p. 138; Del. Syll. p. 1352;

v. maxima, Grun. -Bren. & T. p. 73;

(Hyalodiscus m., var.)----

v. Scotica, V. H. S. pl. 34f4-6:

(Hyalod. Sc.)---

HUNGARICA, Pant. 2p. 81-9f156, 166; Del. S. p. 1364;

KURZII, Zeller. -Journ. Asiatic Soc. Bengal, Vol. 42, 1. 2:

Del. S. p. 1364; *Det. Vol. 12, p. 138*:

LAEVIS, Grun. -M. J. 1359p. 35-6f15-17; Prit. p. 315; Carr. p. 9I:

R. E. D. p. 37; Grun. 1373p. 33:

LOCZYII, Pant. 2p. 81-10f172, 173; Del. S. p. 1364; *B. verm. p. 8*:

MACULATA, S. B. D. 21. 54-49f323; Bren. D. C. p. 8; Prit. p. 315; Lewis, N. &

R. S. p. 69; Carr. p. 9I; Hall; R. E. D. p. 37; Schm. N. D. p. 3f26; O'M. I. D.

p. 250-26f5a; Deby Pola. p. 20; Sm. Sp. 7. No. 420; M. T. P. 3-5-15; Cl. Vega

p. 510; Italy; Bren. & T. p. 73; Wolle, 59f4, 5; Del. S. p. 1355; *Det. DM. p. 27*:

(Cyclot. Scotica; -hyalodisc. radiatus, Bail. -Hy. m. & stelliger; -Melosira)

MAXIMA, Grun. -1373p. 33; A. J. M. 1373p. 102; J. R. M. S. 1379p. 633-2f15;

Sm. Sp. 7. No. 421; Cl. 1330p. 118; Vega pp. 439, 510; J. R. C. 1337p. 37; 1334,

p. 13-4f2, 3; Del. Syll. p. 1352; -(A'cyclis. intermetatus; -Cyclotella.)--

var., Grun. in J. R. M. S. 1379p. 1. 2f4;

v. Californica, Grun. -Cl. 1330p. 118; Del. S. p. 1352;

MINIMA, Grun. -V. H. S. pl. 34f7, 8;

(P. hormoides, v.)

MONILIFORMIS, E. -Abh. Ber. 1340p. 131; Amer. pl. I-3134; -(P. nummuloides.)---

MONTAGNEI, K. B. p. 52-29f35; K. S. A. p. 23; S. B. D. 21. 53-49f223; Bren. D. C.

p. 8; Verm. p. 3f2; Prit. p. 315-5f31; Grun. 1333p. 27; 1373p. 33f4f15; R.

E. D. p. 37; Lewis, N. & R. S. p. 63; Carr. p. 9I; Roper, Thores; Araisone 1363,

p. 396; O'M. I. D. p. 250-26f5; Sm. Sp. 7. No. 422; Italy; V. H. S. pl. 34fII, 12;

T. No. 455; Cl. 1330p. 118; Vega p. 510; Perag. p. 77; Villef. p. 79; Wolle,

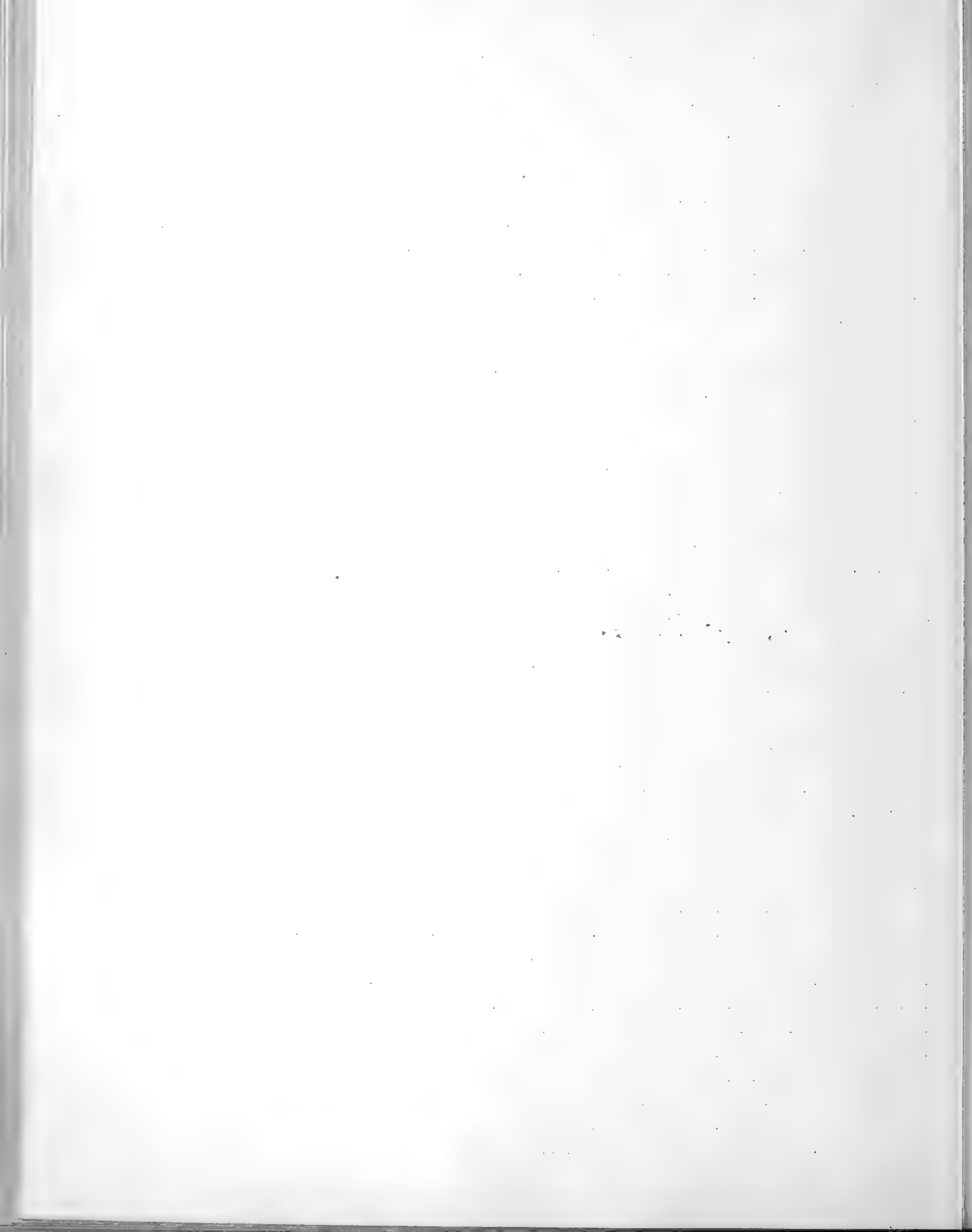
59f17, 18; Del. S. p. 1351; (Melosira; -Mel. & Rosaria; lobifera.)----

v. minor, Grun. -V. H. S. pl. 34f9, 10; Villef. p. 79:

NUMMULOIDES, E. -Abh. Ber. 1340p. 133; Amer. pl. I-3134 3;

Grun. 1333p. 27; Petit, Miroca; M. T. P. 3-5-16;

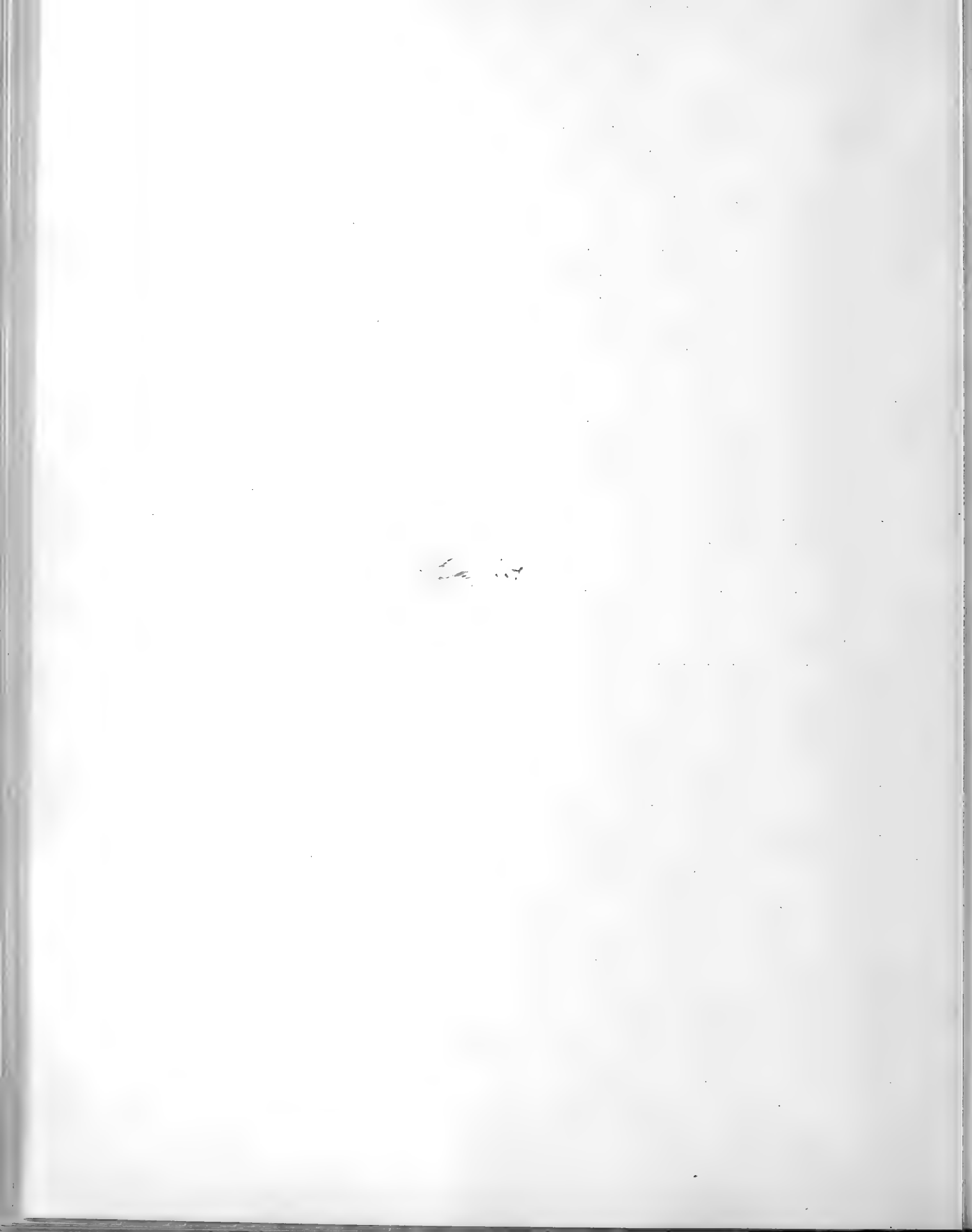
(Hyalodiscus, Melosira & P. hormoides; -P. moniliformis.)



- OLIVERIANA, O'M.-V.H.S.pl.II3f5; DeT.Syll.p.I335;
 (A'eyclis.; -Micropodiscus; -Coscinoiscus leptopus.) ---
 OOPHORA, E.-Mik.p.233; DeT.S.p.I335;
 ORELII, Grun.I334p.42-5f3I; DeT.S.p.I335;
 ROBUSTA, Part.2.3f-I3f270,271; DeT.S.p.I334;
 ROTUNDATA, Perag.-LeD.No.9,p.I03; (Diatoma.) ---
 SHADBOLDTIANA, Grun.I330p. -I0fI2; (Liem.erythraea.) ---
 SMITHIANA, Grun.-Schm.N.D.p.74-3f27; DeT.S.p.I335;
 SPHAERICA, Bn.-LeD.Vol.2No.22,p.242-I9fI4;
 SPINO-RADIATA, Bn.-Brun & Tem.1.49-4fI0; DeT.S.p.I335;
 STELLULIFERA, Grun.I373p.35; J.R.M.S.I379p.390-2fI3;
 Wolle,59fII; DeT.Syll.p.I333;
 * v.sublaevis, Grun.-V.H.S.pl.84f25;
 SUBSPIRALIS, Grun.-Part.I.45-27f25I; Not.I333p.542; DeT.S.p.I335;
 TRANSYLVANICA, Part.3p. -39f542; DeT.S.p.I335;
 VARIEGATA, A.S.,Atlas I40f3; Wolle,69f3;
 * var., A.S.,Atlas I40f4-6;
 * v.Smetrensis, Fortm. Ann.Bot.Brit.I392p.43-7f5;

PODOSPHAENIA. -- (Chap, 1884)

- , Bailey, A.O.S.I342p.5-3f3; -, Pfitzer p.I25;
 -, DeT.Oss.Bac.I390p.907; -, Meneg.A.N.O.p.432;
 ABBREVIATA, E.-Inf.1.2I4-I7f7; R.E.D.1.293;
 (Gomphonema a. & brevipes; -Liemophora; -P.cuneata & Lyngbyei.) ---
 ANGLICA, Rabh.E.D.p.297; Perag.1.73;
 ANGUSTATA, Grun.I332p.347-6f20; R.E.D.p.297; Fortm.Cey.p.53;
 Cl.I373p.I5; Fortm.D.M.p.23; (Liem.Ehrenbergii, var.) --
 AUSTRALIS, K.-Rabh.E.D.p.297; (Liem.a. & paradoxa, var.)
 BAILEYI, Edw.-Lewis, N. & R.S.p.37-2fI3; Sm.Sp.1.423;
 Wolle,69fI,2; (Liem.B.)
 BOREALIS, K.-Rabh.E.D.p.297;
 CAPENSIS, Grun.I332p.347-3fI2; R.E.D.p.297; Sm.Sp.1.No.424;
 (Liem.Lyngbyei, var., & C.) ---
 COMMUNIS, Leib.p.76-6f23; Cl.I337p.334; Reinhard; R.E.D.1.293;
 Perag.1.73; (Liem.; -Liemophora cuneata & paradoxa.) --
 * v.elongata, DeNot.; -Erb.Crit.Ital.No.I439; Edw.Vol.2,1.72;
 CRATICULA, Montagne.-R.E.D.p.293; (Rhapidophora.) -
 CRYSTALLINA, K.-Rabh.E.D.p.297;
 CUNEATA, E.-Inf.p.2I4-7f3; Mik.p.I3; Prit.1.769-I3fI3b; R.Alg.Eur.No.
 89I; Carr.1.73; Edw.Vol.2,1.72; Weiss Cl.1.507; Grun.I333p.5; R.
 E.D.p.297; (Fistulia c. & Lyngbyei: -
 Liem.Jurgensii; -P.abbreviata, Ehrenbergii, Lyng.; -Stylaria; -Stylaria.)
 CALMATICA, K.-R.E.D.1.293; Fortm.D.M.p.24; (Liemophora.) --
 DEBILIS, K.B.1.I20-3f7; 24(I)f3; K.S.A.1.II0; Prit.1.769;
 Grun.I332p.343; R.E.D.1.293; K.B.p.I2; (Liem.) ---
 EHRENBURGII, K.B.p.I2I-9fI3; 24fI, f4; K.S.A.1.II0; Prit.I332p.I.I3fI4;
 Bred.C.C.1.22; Verm.1.9; S.C.C.1.51-2fI225; Prit.1.769-4f7; I33I4;
 Grun.I332p.347; Carr.1.73; R.E.D.1.I33I7; Edw.N. & R.S.1.7I; Alais.
 1864p.393; R.E.D.1.293, f76; Sm.Sp.1.No.425; Perag.1.73;
 (Liemophora; -P.cuneata.) Fortm.D.M.p.23;



- ELONGATA, Grun.-Hedw. Vol. 6p. 2; R.E.D. 1.293; *Fortm. Dm. p. 2*
(Rhipidophora; -Gomphonema tinetum.)----
- ERYTHROEA, Grun. 1362p. 347-10f12; R.E.D. 1.297;
GRACILIS, E.-H. 1.214-17f5; K.B. 1.121-9f10(1); K.S.A. 1.110; Prit. 1.769-10f136; R.Bac. Exs. No. 79; Grun. 1361.343; R.E.D. 1.293; Sm. Sp. 1. Nos. 426, 427; Cl. Nares; (Echinella striata, striata, ventilatoria; -Lic. anglica, cl. & tenuis; -P. tenuis.)-
"var." "minor", K.B. 1.121-9f10(1), 11; K.S.A. 1.110; Prit. p. 769; (Lic. anglica, v.)----
- GRANDIS, E.-R.E.D. 1.293;
HYALINA, K.B. p. 121-9f9, 10(2); K.S.A. 1.110; Prit. 1.769-13f13; R.E.D. 1.296; (Lic. h. & tinet.)
"var." "b", racemosa, K.B. 1.121-10f3; Prit. p. 769; K.S.A. 1.110;
JURGENSII, K.B. 1.121-9f12; K.S.A. 1.111; S. B. D. 1.33-24f226; Prit. 1.769; Grun. 1362.343; Rab. Ab. E. No. 1425; R.E.D. 1.297; Cl. 1363.222; Eiben, 1871; Sm. Sp. 1. No. 123; Prit. 1.72; *Fort. Dm. p. 2*
(Frist. Lyr. p. 2; -Lichophora; -Styliaria cuneata.)
- LONGISSIMA, Fortm. Cey. p. 54-5f61;
LYNGBYI, K.B. 1.121-9f10(3); 10f11, 2; K.S.A. 1.110; Prit. 1.769-13f13; S.B.D. 1.33-24f227; Grun. 1362.343; R.Bac. Exs. No. 73; Grun. M. & R. S. 1. 71; R.E.D. 1.297; Petit Class. 1.23; T. S. 1377.1.157120; Prit. 1.27; (Lichophora; -Echinella, Fristilia, P. & Styliaria cuneata; -P. abbreviata & Ehrenbergii.)-*Fortm. Dm. p. 23*; (Lic. M.)
- MENEGHINIANA, K.-R.E.D. 1.298;
NEUMAYERI, Jan.-Sm. Sp. 1. No. 697;
NANA, E.-Inf. p. 215-17f3; Min. 1.15-11f132-c; 11f132, d; Prit. p. 769; *Mon. Ber. 1836 p. 55*; (Gomph. gracile.)----
(Loc.)----
- NUBECULA, K.-Rab. E. D. p. 293;
OCEANICA, K.-Rab. E. D. p. 293; Eiben, 1871;
OCULATA, Hassall Alg. p. 425-100f9; (Sirirella ovata.)--
(Lic.)----
- OEDIPUS, K.-Rab. E. D. 1.296;
OVATA, S.B.D. 1p. 33-24f226; Prit. p. 769; Grun. 1362.347; Cl. 1.73; R.E.D. 1.297; Cl. 1363.222; 1373.15; Perag. 1.73; (Lic.)
- PARADOXA, R.E.D. 1.293; R.Bac. Exs. 30; Cl. 1363.126; Eiben, 1871; Perag. p. 73; *Fort. D. m. p. 24*;
- PAPPEANA, Grun. 1363.133-141 II; 1363f5; Eiben, 1871; R.E.D. 1.297; wolle, 22f26, 27; (Lic. 1.1.1.1.1, var. & P.)-
- POPULA, E.-Abh. Ber. 1345.159; 1351.315; Min. 1.4-3f39; 5-11f47; 14f77; 15-3f49; 33-11f11; wolle 1351.273-11f11; Min. 1.1.1.1.1; Prit. p. 769; R.E.D. p. 297; (Gomphonema; -Meridion.)----
(Lic.)----
- REMULUS, Grun.-Hedw. Vol. 6p. 2;
SHADOLETTIANA, Grun. 1362.1.10f12; Valais; (*is Erythroea*)
- SUPERBA, K.-Rab. E. D. 1.293;
TENELLA, K.-Rab. E. D. p. 293;
TENUIS, K.B. 1.121-30f51; K.S.A. 1.110; Prit. 1.769; R.E.D. 1.293; Grun. 1362p. 343; Cl. 1363p. 223; (Lic. -P. gracilis.)--

Polyceratum.

Castro, 1886. —?

TERGESTINA, K.B.p.I20-3fI3; K.S.A.p.I10: Prit.p.769; R.E.D.p.296: ^{G. 1849:}
TINCTA, Petit Cat.p.33: Perag.p.73: (Gomphonema; -Licmophora.)--

POLYMIXOS. -- (Bailey, 1855)

CORONALIS, L.W.B.-B.J.M.H.I33II.24I-2f55-59; Sm.S.p.I.85.249; Cl. & M.No
60; M,1,P,4-I-I; V.H.S.p.I.120f4; Atlas I32 2-4; Det.Syll.p.I393;
(P, Mauryi.) ---

JOYNSONI,, ?; Det.S.p.I394;

MAURYI, (P.coronalis.) ---

PULCHELLUS, Grun.-V.H.S. 123f 5; - Det.S.p.I393; (Actinop. pul.)?

FLOS-MARINAE, Bn.-Det.Syll.p.I393; (Actinoptychus.) ---

PONTICELLA. -- (Cuv., 1872)

CASPIA, E.-Abh.Ber.I372p.I3I-I2fI7; Det.Syll.p.I425: (Eunotia.)-

DENDROPHILA, E.-Abh.Ber.I343p.1219: -K.S.A.p.I2; Prit.p.823;
Abh.B.I372pl.2a,f2I-25; Deby D.T.: (Melosira Roesseana, v.epidern.)-

OCTONARIA, E.-Mik.p.3II;

RADIATA, E.-Mik.p.348:

UNDENARIA, E.-Mik.p.3II:

PORODISCUS. -- (Grev., 1863)

-, Rabh.E.D.p.35; -, Det.Oss.Bac.p.9I6:

CALICYFLOS, Brun & W.p.50-4fII; Det.S.p.II93;

Atlas I53f8,9: (Pyrgodiscus.)?-

CONICUS, Grev.-T.M.S.I333p.65-4f3; Rattr.Rev.p.675; : Det.S.p.II97:

CORNIGER, Bn.-LeD.Vol.2No.22p.242-I9fI5:

ELEGANS, Grev.-T.M.S.I363p.64-4fI; Rattr.Rev.p.673;

Det.S.p.II96: (Craspedodiscus.)--

HIRSUTUS, Gro. & St.-J.Q.C.I337p.I43-I4f34; Rattr.Rev.p.675;

Atlas I53fIO,II; Det.S.p.II97:

INTERRUPTUS, Gro. & St.-J.Q.C.I337p.67-5f3; Witt I333p.I3-3f22; Rattr.

Rev.p.676; Atlas I33fII; Det.S.p.II93: (Craspedodiscus elegans.) ---

MAJOR, Grev.-T.M.S.I363p.64-4f2; I363p.46; Rattr.Rv.p.675; Det.S.p.II93

" v.densa, Rattr.Rev.p.672-3f17; Det.S.p.II97:

NITIDUS, Grev.-T.M.S.I363p.65-4f4; Rattr.Rev.p.672; Det.S.p.II95:

" v.armata, Rattr.Rev.p.672-3fI7; Det.Syll.p.II95:

OBLONGUS, Grev.-T.H.S.I363p.65-4fI5; W. & C.2p.2-3f3; Rattray Rev.

p.674; Det.S.p.II97: (Craspedodiscus.)--

OVALIS, Grev.-T.M.S.I363p. 4fI5: (Error-should be "oblongus".)-

OVALIS, Pant.2p.II6-23f348'

SPINIFERUS, Rattr.Rev.p.674-3f17; Det.S.p.II96:

SPLENDIDUS, Grev.-T.M.S.I363p.46-5f3; W. & C.2p.2-5f5; Rattray Rev.

p.67I; Det.S.p.II95: (Craspedodiscus ovalis.)--

" v.marginata, Rattr.Rev.p.672; Det.S.p.II93:-(Craspedodiscus ovalis.)-

STOLLERHOFFII, Castr.I337p.I39-I2f3; Rattr.R.p.674; Det.Syll.p.II93:

Protonema.

P. thermale, Meneg. - Pediculus p. 7 - 1 f. 35, 36 - (*Denticula*
elegans, v. *valida*.)

Pseumnamphora.

Pseumnamphora vide *Amphora* - 1911

SPLENDENS, E. - Abh. Ber. 1843p. 136: Mik. p. 210; Prit. p. 915;
R.E.D. p. 243; Det. Syll. p. 312;
SUBULATUS, E. - Abh. Ber. 1843p. 136: Mik. p. 210; Prit. p. 915;
R.E.D. p. 243; Det. S. p. 312:

PORPEIA. - (Schumacher, 1853) ---

INFLEKA, A.S., Atlas 142f53;
ORNATA, Grev. - T.M.S. 1865p. 53-6f21; Det. Syll. p. 394;
QUADRATA, Grev. - T.M.S. 1863p. 65-6f20; V.H.S. pl. 95b, f15;
Wolle, 66f33; 98f15-17; Det. Syll. p. 393;
QUADRICEPS, Bailey Mss.; Prit. 1. 350; T.M.S. 1865pp. 52, 100-6f13, 19;
3f13; R.E.D. p. 315; Atlas 142f46-57; Wolle, 66f25, 30;
Det. Syll. p. 393: (Hemiarilus.) --
" v. clavulata, E. - V.H.S. pl. 95b, f12; Det. S. p. 393: (Bida. c.) ----
" v. intermedia, Grun. - V.H.S. pl. 95b, f13, 14; Det. S. p. 393;
" v. sectilis, Bn. - Led. Vol. 2 No. 22, pl. 24f18: (Hemiarul.)
ROBUSTA, Witt 1883p. 13-3f23; Det. Syll. p. 394;

PRITCHARDIA. - (Rabh., 1853) ---

INSIGNIS, Rabh. E.D. p. 163: (Nitzschia.)
SCALARIS, Rab. E.D. p. 162: (Nitzschia; - Syneura.)
" v. gigantea, R.E.D. p. 162: (Nitz. scal. var. "b".)
" v. major, R.E.D. p. 162;
SMITHII, R.E.D. p. 163: (Nitz. s. & spectabilis.)
VIRGATA, R.E.D. p. 163: (Nitzschia)

PSEUDO-AMPHIPRORA. - (Clave, 1881) ---

CRUCIFIX, Temp. & Bn. - Cl. Navic. p. 71: (Navicula c.) --
decora, Grev. - Cl. Nav. p. 72: (Stauroneis d.)
IMPLETA, Cl. & Gro. - Cl. Nav. p. 71: (Nav. i.)
JUGATA, Cl. Nav. p. 71: (Nav. j.)
" v. Pensacolae, Cl. Nav. p. 71: (Nav. P.)
POLYGONA, Bn. - Cl. Nav. p. 71: (Nav. l.)
STAUROPTERA, Bailey - Cl. Nav. p. 71 cum icones: *Estrop 1897, p. 312*;
(Amphora; - Amphiprora Lepidoptera, obtusa, p. p.)

PSEUD-AULISCUS. - (G. Schumacher, 1881) ---

-, A.S. Atlas 149f10;
-, De Toni Oss. Bac. 1890p. 917;
AMBIGUUS, Grev. - J.R.M.S. 1833p. 900: Det. Syll. p. 1065: (Auliscus.)
" v. major, Rattr. Rev. p. 901-15f1: Det. S. p. 1065;
" v. multiclava, Bn. - Det. Syll. p. 1065;
ANCEPS, Rattr. Rev. p. 907-15f4: Det. S. p. 1069: (Aul. Grovei.) --
BRUNII, Pant. 2p. 100 3pl. 26f337; Det. S. p. 1069: (Aul. trilinaris.) ---
DEBYI, Fortm. Cey. p. 64-3f75; J.R.M.S. 1833p. 902; Det. S. p. 1069;
DIAPHUSUS, Rattr. - J.R.M.S. 1833p. 907; Atlas 125f10; 149f5; 26f1;
Det. Syll. p. 1068;
ELABORATUS, Ralfe. - J.R.M.S. 1833p. 905: Det. S. p. 1070: (Auliscus.) -



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- GRANULATUS, Pant.3p. -10f173; Dew.Syll.p.1073;
 HIRSUTUS, Rattr.-J.R.M.S.1833p.901-15f3; Det.S.p.1065;
 JOHNSONIANUS, Grev.-J.R.M.S.1833p.905; Det.S.p.1072: (Auliscus.)-
 ' v. eludens, Rattr.-J.R.M.S.1833p.905; Det.S.p.1073;
 LETONENSIS, Jan.-Atlas 67f14; J.R.M.S.1833p.906; Det.S.p.1063:
 LETOURNEURII, Bn.-Det.Syll.p.1071: (Auliscus.)
 LEUDUGERII, Perap.-Det.S.p.1069: (Auliscus.)
 LUMINOSUS, Bn.-Det.S.p.1065: (Auliscus.)
 NEBULOSUS, Fortm.Cey.p.64-8f74: (Eupodiscus.)
 NEBULOSUS, Grev.-Rattr., J.R.M.S.1833p.904; Det.S.p.1072:-(Auliscus.)---
 NOTATUS, Grev.-Rattr., J.R.M.S.1833p.901; Det.S.p.1066: (Auliscus.)
 ORNATUS, Grev.-Rattr., J.R.M.S.1833p.904; Det.S.p.1073: (Auliscus.)
 PERUVIANUS, Grev.-Rattr.-J.R.M.S.1833p.902; Atlas 32f29; Det.S.p.1066:
 (Auliscus (& Eupodiscus) P. & radiatus.)----
 ' v. spinosa, Rattr.-J.R.M.S.1833p.903; Det.S.p.1067;
 ' v. tener, Rattr.-J.R.M.S.1833p.903; Det.S.p.1067;
 PETITI, Fortm.Cey.p.64-8f76; J.R.M.S.1833p.906:
 Det.Syll.p.1071: (Eupodiscus obscurus.)--
 PULVINATUS, Cl.-Rattr., J.R.M.S.1833p.906; Pant.2,p.100:
 Det.S.p.1071: (P.Rattrayii; -Auliscus.)-
 ' forma apiculata, Pant.2,p.100: (Auliscus p., var.)
 ' forma inermis, Pant.2p.100: (Auliscus l., v.)--
 RADIATUS, Bailey.-Atlas 32f23; Cl.1880p.78; J.R.M.S.1833p.902; Det.
 Syll.p.1066: Atlantic City; wolle, 84f6: ^{atlas} (Eupodiscus, Bailey.)-
 RAUFSIANUS, Grev.-Rattr., J.R.M.S.1833p.903; Det.S.p.1067;
 (Aulisc. cellulatus & R.: -Eupodisc. Barbadosensis; -Cerataulus Pacificus.)
 RATRAYI, Pant.2p.100-20f311: (P. pulvinatus.)-
 ROTATUS, Rattr., J.R.M.S.1833p.907-16f7; Det.S.p.1073;
 SCHMIDTII, Pant.2,p.100-14f240: (P. trigemmis.)--
 SPINOSUS, Christian.-J.R.M.S.1833p.904; T.B.C.Vol.16p.73-92f2;
 Det.S.p.1068; (Aulisc. Webigerii & spinosus.)
 TETRAOPHTHALMOS, Cleve Mss.; J.R.M.S.1833p.901-14f10; Det.S.p.1072:
 TRIGEMMIS, A.S.-Rattr., J.R.M.S.1833p.905; Det.S.p.1070:-(
 (Auliscus; -P. Schmidtii.)
 ' v. robusta, Bn.-Det.Syll.p.1070: (Aul. robust.)--
 TRILUNARIS, Bn.-Det.Syll.p.1071: (Auliscus t.)--

PSEUDO-CERATAULUS.-(Pant., 1890.)

- KINKERI, Pant.2p.98-30f425; Det.Syll.p.1073:-(Auliscus apiculatus.)-----
 KOCHII, Pant.3p. -6f87; Det.S.p.1079;
 TEMPEREI, Pant.2p.98-24f360; Det.S.p.1079;

-PSEUDO-COSCINODISCUS.-(Trun., 1882.)-

- LABYRINTHUS, Grun.-V.H.S.pl.III f9: (Triceratium l.)
 PILEATUM, Grun.-V.H.S.pl.II2f3; (Tric.p.)-

PSEUDO-DICTYONEIS.-(Pant., 1890.)

- HUNGARICA, Cleve.-Pant.3p. -1f8: (Dictyoneis?)--

Pseud-epithemia.

Cleve, 1880. -

+ hemicyclus, Gr. - V.H. Pl. 35, 231.

COMMUTATA, Cl. in litt.; Led. Vol. I, p. 16: (Dietyoneis marginata.)--

PSEUDO-EUNOTIA. - (Horn, 1882)

- ALPINA, Naeg.-Det. Syll. p. 303: (Synedra.)-
 ARCUATA, Naeg.-Det. S. p. 309: (Syn.)---
 BICURVATA, Biene.-Det. S. p. 310: (Syn.)
 BICEPS, E.-Det. S. p. 311: (Eunotia.)
 DEPRESSA, Schm.-Det. S. p. 311: (Ceratoneis.)--
 DOLIOLUS, Grun. I 363 p. 7; Cl. Vega I. 513; Det. S. I. 310:
 (Eunotia; Himantidium; -Synedra.)-- *U.H.S. pl. 35 f. 22*
 FLEXUOSA, Breb.-Det. S. p. 309: (Syn.)
 " v. bicapitata, Naeg.-Det. S. p. 310: (Syn.)
 HEMICYCLUS, Grun.-V.H.S. No. 275; Det. S. p. 310: *at 1882* (Eunotia falk. & G.)-
 LUNARIS, E.-Det. Syll. p. 308: (Syn.)
 " v. bilunaris, K.-Det. S. p. 303: (Syn.)
 " v. cuspidata, Schum.-Det. S. p. 303: (Syn.)
 " v. minor, Schum.-Det. Syll. p. 303: (Synedra.)-
 PACHYCEPHALA, K.-Det. S. p. 309: (Eunotia.)-
 SCHUMANNII, Rabh.-Det. S. p. 311: (Ceratoneis.)--
 WIGANDII, Rabh.-Det. S. p. 311: (Synedra.)-

PSEUDO-PLEUROSIGMA. - (Grun, 1882)

ROTAEANA, Grun.-V.H.S. pl. II 4 f. 17: (Navicula r.)

PSEUDO-RUTILARIA. - (Grun, 1882)

- , A.S. Atlas I 33 f. 26: ----?
 MONILE, Grove & Sturt.-J.Q.C. I 33 p. 324-I 3 f. 7, 3; Notar. I 33 p. 349;
 Atlas I 33 f. 24, 25; Det. Syll. p. 354;

PSEUDO-STEPHANODISCUS. - (Grun, 1884)

A Subdivision of "Coscinodiscus",
 Grun. I 364 p. 33 (35): ~~Pant. I, p. 75.~~ --

PSEUDO-STICTODISCUS. - (Grun, 1882)

- ANGULATUS, Grun.-Atlas 74 f. 26-30; I 22 f. 16; Witt I 33 p. 29-3 f. 15;
 Pant. 2, p. II 3: *29 f. 410* (Biddulphia; -Stictodiscus.)---
 " var., A.S. Atlas 74 f. 24, 25;
 EULENSTEINII, Grun.-In V.H.S. - (Triceratium E)
 " v. irregularis, Grun., in V.H.S. pl. II 0 f. 9: (Stictodiscus; -Tricerat.)

PSEUDO-SYNEDRA. - (Fortm., 1892)

- DEBYI, Fortm.-Annales Bot. Buit. I 392 p. 32-5 f. 3;
 PERAGALLI, Fortm.-Ann. Bot. Buit. I 392 p. 31-5 f. 2;

PSEUDO-TRICERATIUM. - (Pant., 1890)

CINNAMOMEUM, Grev.-Pantoc. 2, p. II 0: - (Nov. Gen. ?; -Cestodiscus; -Tric.)----

apiculata, E. Abh. B. 1844; K. S. a. p. 22: - (Stephanof apic)

Kutzing in litt., 1831; W. Syn. p. 31; -(Exilaria of Greville.) ---

PTEROTHECA. --- (Gibb, 1830) ---

- ACULEIFERA, Grun. - V.H.S. No. 451: *J. d. C. 1830 p. 71*: (Pyxilla.)
 . var., Grun. - V.H.S. pl. 83b, f5; T. No. 451 sub; (Pyxilla.)
 DANICA, Grun. - V.H.S. pl. 83b, f7, 8: (Stephanopyxis.) ---
 KITTONIAMA, Grun. - V.H.S. pl. 83b, f9 - II: "
 SPADA, Brun. & Temp. p. 80 - If7:
 SUBULATA, Grun. - V.H.S. pl. 83b, f6: (Pyxilla s.) ---

PTYCHODISCUS. --- (O'M., 1867) ---

LINEATUS, O'M. - M.J. 1867 p. 233: Det. Syll. p. 1425:

PYRGODISCUS. --- (Kitt., 1885) ---

- ARMATUS, Kitt. - J.Q.C. 1885 p. 170 - 13f13; Atlas 9f13; 92f15, 18;
 Witt 1885 p. 30 - 6f7, 8; Det. Syll. p. 1011:
 CALICYFLOS, Tp. & Bn. - Det. S. p. 1011: (Podosiscus.)
 KINKERI, Pant. 3p. - 34f43; Det. S. p. 1012;
~~KINKERI~~, Witt 1885 p. 30 - 6f6; Atlas 100f13, 14; Det. S. p. 1011:

Simplex,

PYXIDICULA. --- (Chr., 1833) ---

- , E., Mik. pls. 33 - 3f21: 35A - 20f6:
 -, Myn. A.N.D. p. 366; -, London Clay:
 -, Bail., A.J.S. 1842 p. 33 - 2f2; (Dietyopyxis cruciata; - P. major.)
 -, Ann. Soc. Belg. 1883 pl. 4f2c;
 ACTINO CYCLUS, E. Abh. Ber. 1844 p. 35; Prit. p. 325;
 . Weisse 1854 p. 241 - If13: (Actinocyclus pyxia; - Cyclotella.) -
 ACTINOPTYCHUS, E. Abh. B. 1844 p. 35; 19f13;
 (Mastogonia.) -
 ACULEATA, E. - A. Ber. 1844 p. 35; Mik. pls. 18f124; K.S.A. p. 21;
 (Mastogonia; - Stephanopyxis; - Xanthiopyxis.) --
 ADRIATICA, K.B. p. 51 - 2f13; K.S.A. p. 21; Prit. p. 325 - 13f33; Cl. 1867 p. 332;
 Reinhard; R.E.D. p. 34' Italy:
 (Coscinodiscus punctulatus; - Craspedodiscus & Melosira Franklinii; -
 Hyalodiscus stelliger; - Podosira a. & hormoides.) -
 ALATA, E. - Abh. Ber. 1844 p. 35; Mik. pl. 19f13b; K.S.A. p. 23;
 Weisse 1854 p. 241 - If13; (*Xanthiopyxis*; - ~~Stephanopyxis~~) ----
 > APPENDICULATA, E. - Abh. B. 1844 p. 35; ~~1844~~ *Mik. pl. 18f124*; K.S.A. p. 22;
 Weisse 1854 p. 241 - If17; (Xanthiopyxis.)
 AREOLATA, E. - Abh. B. 1844 p. 35; K.S.A. p. 22; Prit. p. 325:
 Det. Syll. p. 1149:
 ASPERA, E. - Abh. Ber. 1856 p. 428; Det. S. p. 1150;
 COMPRESSA, Bailey M.O. p. 40 - 2f13, 14; Prit. p. 325; Sm. S. l. Nos.
 430, 431; Wille, 62f17; (Nitzschia punctata.) ----
 CONSTRICTA, K.S.A. p. 23; (Xanthiopyxis.) -
 COSCINODISCUS, E. ~~Abh.~~ B. 1844 p. 35; Mik. pl. 30 - 3f101;
 (Coscinod. pyxiae; - Craspedodiscus.) ---

cruciata ~~Abh.~~ Ber. 784/p. 328:

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- CRUCIATA, E.-Abh.Ber.1341p.36; 2641 *mic* K.S.A.p.22; Prit.p.325;
Wolle, 3219; Det.Syll.p.II49; (Stephanopyxis c.)--
- CRUCIATA, E.-Amer.pl.3-7f5; *mic* 1844p.262; 1844p.262-2f12;
Prit.p.325; Calr.p.92; Grn.1334p.92; M.F.p.4-1f15; Cl.1374p.13; O.
Q.C.1337p.7I; Lagr.1375p.10; Atlantic City; Ann.Soc.Belg.1338p.1.
2f10; Wolle, 3217, II; Part.2, 1.113; Det.S.p.II43; *mic* 1844p.262-2f12
(Coscinodiscus; -Dietyopyxis.)
- 'var.'b', Hellenica, Ralfs, in Prit.p.325; (Dietyopyxis & P.H.)--
- CYLINDRUS, E.-Abh.B.1344p.35; K.S.A.p.22; Prit.p.325;
(Dietyopyxis; -Stephanopyxis.)
- DECUSSATA, E.-A.Ber.1342p.255; Prit.p.325; Det.Syll.p.II50;
- DENTATA, E.-Abh.B.1341p.204; K.S.A.p.22; Prit.p.325; Det.S.p.II49;
- DIADEMA, E.-K.S.A.p.21; (Stephanopyxis.)---
- DISTANS, E.-Mik.pl.3-3fI; Det.S.p.II50;
- GEMMIFERA, E.-Abh.B.1341p.85; K.S.A.p.22; Prit.p.325; -(Coscinodiscus.)---
- GIGAS, E.-Mik.pl.33-13f13; Prit.p.325; Wolle, 32100; Det.S.p.II50;
- GLOBATA, Bailey, A.O.S.1342p.33-2f2; K.B.p.5I; Prit.p.325-17f
506-509; Wolle pl.22f2-4; Det.Syll.p.II50;
- GLOBOSA, (E)-K.S.A.p.23; (Xanthiopyxis.)-
- HELLENICA, E.-Abh.Ber.1340p.226; Mik.pl.19f13a;
(Coscinod.; -Dietyopyxis; -P.cruciata, v.)
- HIRSUTA, E.-A.Ber.1344p.36; K.S.A.p.22; Prit.p.327; (Xanthiopyxis.)
- LENS, E.-*mic* Ber.1344p.33; *mic* 1844p.262-2f12; K.S.A.p.22; Prit.p.325;
Wolle, 32f10; Det.S.p.II49; (Dietyopyxis.)-
- LIMBATA, E.-Abh.B.1341p.36; K.S.A.p.22; Prit.p.325; *mic* 1844p.262-2f12
Wolle, pl.32f8; (Stephanopyxis.)
- LONGA, E.-Abh.Ber.1345p.30; K.S.A.p.22; Prit.p.325; Det.S.p.II49;
- MAJOR, Bailey, A.O.S.1342p. -2f2; K.B.p.5I-1f27; K.S.A.p.2I; R.S.O.p.
12, pl.2; Breb.D.C.p.8; Prit.p.325; M.O.pl.19f10; R.E.D.p.34, f8;
Det.Syll.p.II43;
- MEDITERRANEA, Grn.-V.1.S.pl.95f15, 16; Italy; Det.Syll.p.II50;
- MINOR, (Bail.)-K.B.p.5I-1f26; K.S.A.p.24; Jan. & R.1.11-313; Breb.D.
C.p.8; Schm.1354p.13; Det.S.p.II50; -(Coscinodiscus; -P.operculata.)-
- MINUTA, Grn.1334p.92-5f6;
- NAEGELI, K.S.A.M.339; Prit.p.325; R.E.D.p.34; Det.S.p.II49;
- OBLONGA, E.-K.S.A.p.23; (Xanthiopyxis.)-
- OCULUS-CHAMELEONTIS, E.-Abh.Ber.1341p.23; (Mastogonia.)--
- OPERCULATA, E.-Abh.B.1334p. ; Inf.p.165-10fI; Mik.pl.13-1f43; A.O.
S.1342p.33-2fI; Prit.p.324; -(Cyclostella; Cymella; -1st.; -P.minor.)-
- PRAETEXTA, E.-Abh.Ber.1344p.36; Mik.pl.19f15; K.S.A.p.22;
Prit.p.325; Det.S.p.II49; (Mastogonia.)--
- PRISCA, E.-Inf.p.163; Mik.pls.30f42; 37-7f5; Prit.p.325; Det.S.p.II50;
- RADIATA, O'M.-J.L.S.1377p.53-1f9; Det.S.p.II43; (Mastogonia.)--
- SCARABAEUS, E.-Ralfs, Prit.p.325; Det.S.p.II50; (Dietyopyxis.)-
- SUBTILIS, E. Det.Syll.p.II50; (Dietyopyxis.)-
- URCEOLARIS, E.-*mic* Ber.1344p.35; K.S.A.p.22; Prit.p.325; Wolle,
32f19; Det.S.p.II50; (Dietyopyxis; -Xanthiopyxis.)--
- WEISSEANA, Grn.1334p.35; Det.S.p.II43; (Stephanopyxis, var.)---

+ baltica, Hensen, Fünfte Ber. Komm. Kiel 1882 p. 87-5f33: - (Guinardia f.)

7 rotundata, Hensen. - 5th Ber. de Kommiss. in Kiel p. 88:
ce. 1897 p. 20: - (Cerataulina Bergonii):

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WEYPRECHII, Grun. 1334. 42-515; Rattray Review p. 302; Det. S. p. 1147;
 v. Simbirskiana, Grun. 1334. 42; Det. Syll. p. 1143;

PYXILLA.-(*Grun.* 1864)

ACULEIFERA, Grun.-V.H.S. pl. 33, f13, 14; J. L.C. 1337 p. 71;
 Det. Syll. p. 1017: (Pterotheca?)--

var., H.V.H.S. pl. 33b, f5:

AMERICANA, Grun.-V.H.S. pl. 33b, f1-3; Pant. Ipl. 23f233; 2, p. 75; Brun &
 T. p. 73; Wille, 35f3, 17, 18; Det. S. p. 1015: (Rhizosolenia.)-

BALTICA, Grun.-A. Schm. N. O. p. 93-3f25; V. L.S. pl. 33f1, 2; Cl. Vega p.
 436; Witt 1335 p. 30-11f12; Pant. 2p. 75; Det. S. p. 1016: (P. hungarica.)-

var., H.V.H.S. pl. 33b, f4:

BALTICA, Hensen.-V. Ber. der Comm. zur Unters. der Deutschen
 Meer.- (Henseniella.)

BARBADENSIS, Grev.-T.M.S. 1335 p. 2-1f5; Det. S. p. 1015:

BARBOI, Bn.-LeD. Vol. 2 No. 17 p. 37-5f13, 17, 23; (Rhizosolenia?)-

CAPUT-AVIS, Bn.-LeD. Vol. 2, No. 22 p. 242-19f11:

CARINIFERA, Grun.-V.H.S. pl. 33f6; Det. Syll. p. 1016:

var. fossilis, Pant. 3pl. 29f423; Det. S. p. 1016;

var. russica, Pant. 3p. 35f491; Det. S. p. 1016:

CORNUTA, Pant. Ipl. 43-9f76; Not. 1333 p. 542; Pant. 2p. 75; Det. S. p. 1015;

DIRECTA, Pant. 3pl. 32f453; Det. Syll. p. 1017:

DUBIA, Grun.-V. L.S. pl. 35f7, 8; Cl. & M. No. 133; Pant. 2, p. 75:

Wille, 35f24; Det. S. p. 1017: *Grun.* 1870 p. 71:

var., H.V.H.S. pl. 33b, f12;

HUNGARICA, Pant. 3p. -23f392; Det. S. p. 1017: (Pyx, Baltica.)

JOHNSONIANA, Grev.-T.M.S. 1335 p. 2-1f6; J. Q.C. 1871-5f10; Det. S. p. 1015;

var. corniculum, Bn.-LeD. Vol. 2 No. 22, p. 243-19f12, 13;

KITTONIANA, Grun.-V.H.S. pl. 33f10, 11; Wille, 35f21;
 Det. S. p. 1016: (Pterotheca.)--

LUNYACKSEKII, Pant. 3pl. 26f337; Det. S. p. 1017:

PROLUNGATA, Bn.-LeD. No. 12 p. 176-24f7:

RETICULATA, Grove & Start.-J. Q.C. 1337 p. 145-13f50; Notar. 1333 p. 474;
 Det. Syll. p. 1016;

RUSSICA, Pant. 3pl. 19f277; Det. S. p. 1017:

SPADA, Bn., DeToni, Syll. p. 1016: (Pterotheca.)--

STEPHANOS, Hensen.-V. Ber. der Comm. zur Unters. der Deutschen
 Meer.- (Henseniella.)-

SUBULATA, Grun.-V. L.S.; -Wille, 35f19; Det. S. p. 1017: (Pterotheca.)-

VARIABILIS, Grun.-V.H.S. pl. 33f3, 4; Cl. Vega p. 433; Det. S. p. 1016:

VASTA, Pantoc. 3pl. 40f551; Det. Syll. p. 1017:

RADIOPALMA.-(*Brun.* 1871)

DICHOTOMA, Brun 139 Ipl. 42-17f6a, b; Det. Syll. p. 1323:

RALFSIA.---(*Grun.* 1876)-

HYALINA, O'M.-I. D. p. 293: (Diatoma; -Trag. tenerrima & h.)

---(over.)-

Adriaticum ^{as. ailes} 217 f 17-29; Breb. D. C. p. 11; - Atlas 22 f 14;

arcuatum, M. C. 1892 p. 30 Sch. at. 22 of 17-22; Int. Orn. p. 24;

" *forma contracta*, Fricke, - Schm. at. 22 of 23-26;

+ Crozierii, Atlas pl. 22 f 1

: : : : : :

MINIMA, O'M., I.D.p.293:

(Diatoma hyalina & m.)---

TABELLARIA, O'M., I.D.p.293-23f2;

(Fragil.t.)--

RATTAYELLA.--(Léveillé)

OAMARUENSIS, Grun.-Det.Syll.p.1030; Pantoc.2p.100; Notul.1339, 1391:
 (Deoya, of Ratt.; -Glyphodiscus O., scintillans & Simbirskianus; -
 Eupodiscus O. & Simbirskianus.)

REICHELTIA.--(H. V. H., 1891)

LeD. Vol.2, 1895 No.12, p.132: -(Gomphopileus.)-

PFEIFFERII, Oestrup, 1897 p.314-251

RHABDIUM.--(Wallroth, 1834)

OBTUSUM, Wallroth.-Flora Crypt.Germaniae, 1834;

(Synedra alba.)

RHABDONEMA.--(Kütz., 1844)

-, Meneg.A.N.D.p.466; { Q. p. 1871 p. 1: -, Pfitzer p.121:

-, Wollé pl.34f20: { -, Pant.1p.33-23f34I;

ADRIATICUM, K.-Linnaea 1340p.270-4f2; K.B.C.p.126-13f7; K.S.A.p.116; S.
 B.D.2p.35-33f305a(I), b(I), b; - Samf. p.48: Verm.p.37f6; Prit.p.305-
 13f27; Grun.1352p.424; 1363p.4; J.R.I.S.1353p.92; Jan. & R.p.11-3f20; Carr.
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 22I; 1373p.25; 1373p.14; Vega pp.434, 503; R.Alg. Eur.No.140I; R.E.D.
 p.306; Reinhard; Dippell 1370p.12-3f19; Petit Cat.p.34; O'M.I.D.p.
 319; M.T.P.2-I-6: Lagr.1376p.23; V.A.S.p.166-54f11-13; T.No.360; Q.
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 74; Villef.p.37; Pantoc.2p.33; Det.S.p.734; Wollé, 5If2-4; (Tessela.)
 v.fossilis, Pant.2, p.33; Det.Syll.p.734:

ARCUATUM, K.B.C.p.126-13f3; K.S.A.p.116; S.B.C.2p.31-33f305a, f, x; Bren.
 D.C.p.//; Westendorp, G.: R.Alg.E.Nos.725, 1244; Desmaz.I, No.1473; 2,
 No.1073; M.D.pls.13f13; 43f69; J.Q.M.S.1353p.92; Prit.p.304-9f13p-
 132; 10f203, 204; Grun.1352p.123; Leib.p.70; Jan. & R.p.12-3f19; Eil.
 Sp.T.No.30; Lewis, N. & R.S.p.7I; Carr.p.39; Girard Foss.p.12-2f24; R.
 E.D.p.306, f32; Reinhard; Edw.N.N.pl.1f4; Guinard 1.33; Cl.1337p.364;
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 Sp.T.No.433; Petit Cat.p.35; M.T.P.1-3-22 to 24; Fortm.Cat.p.53; Cl.
 & M.No.69; Lagr.1376p.22; Dannf.p.45; V.A.S.p.166-54f14-16; T.No.
 361; J.Q.C.1335p.131, pls.7, 8; 1335p.309-24f3; Parag.p.74; Villef.p.
 67; Shark River; Wollé, 5If5-7; Malaisie; Det.Syll.p.731; (Achmanthes; -
 Conferva a. & striatula; -Diatoma a. & striatulum; -
 Striatella; -Tessela a. & catena.)-

var., Cl. & M.No.70; M.T.P.2-I-1, 2;

v.ventricosa, Cl.1373p.24-4f2I: Oestrup, 1897 p.314-251

ATLANTICUM, K. & S.-T.B.C.Vol.16, p.75-39f7; Wollé, 33f17; Det.S.p.735:

BIQUADRATUM, Bran & Temp.p.52-1f5; Det.S.p.735; Cl. 2025-20:

CROZIERI, E.-Ralfs, in Prit.p.305-4f43; Grun.1352p.423; Petit Cat.p.

35; M.T.P.2-I-4, 5; R.E.D.p.306; Sm.Sp.T.No.434; Cl. & M.No.122;

Det.Syll.p.731: Oestrup, 1897 p.314-251 (Striatella.)--

DIMINUTUM, Pantoc.3p. -23f412:

Japanicum B. & P. -

" *parallelata*, B. & P. - Atlas 218 f 7-12:

" " *forma sparsicatata*, T. & H. - Atlas 219 f 2-8:

+ *minutum*, Oestrup 1897 p. 341: J. & L. p. 50:
Atlas 219 f 3-17; J. & L. p. 24:

" var. *delectata*, Fricke. - Atlas 219 f 18-22:

robustum. Atlas 219 f 30-32 = 218 f 1 ~~218 f 1~~ 220 f 1, 2: 221 f 17-24:

sec. Grothartum, Fricke. - Atlas 220 f 30-32: - (*R. arcuatum*, var. ??) - 221 f 2-8:

" *forma parallelolateralis*, Fricke. - Atlas 220 f 27-29:

minutum var. *delectata*, Fricke. - Atlas 219 f 18-22:

- ELEGANS, Brun & Tp. p. 52-Iff: Del. Syll. p. 763; *Atlas 218f16* (R. formosum.)----
- FORMOSUM, Bn.-Led. No. 12, p. 177-24f1a-c; *Atlas 218f10: 22f16* (R. formosum.)----
- HAMULIFERUM, Mitton.-J.R.M.S. 1373p. 244-15f12; Petit. Cat. p. 35-5f22;
Pant. Ip. -6f48; 2, p. 59; Del. S. p. 764; *Atlas 218f17* (R. formosum.)----
- HAURIAE, Petit.-Jour. de Mier. March, 1890, en. 1000; Del. VII. 1. 12;
Del. S. p. 762; (R. japonicum.)--
- JAPONICUM, Brun & Tp. p. 53-Iff; Pant. Sp. -50f440; Del. S. p. 762;
(R. hauriae & Mikado.)--- *Atlas 218f18-21: 219f6 9*
- v. recta, Brun & Tp. Del. Syll. p. 763; *Atlas 219f10-12*
- v. sparsicostata, Brun & Tp. -Del. Syll. p. 763; *Atlas 218f13-17: 219f11*
- MIKADO, Pant. 3pl. 33f439, 470; (R. japonicum.)-
- MINUTUM, K.B. p. 126-2f2(4); K.S.A. p. 115; S.B.D. 2p. 35-33f306; Q.J.M.S.
1353p. 92; Breh. D.C. p. 11; Prit. p. 304-4f41; Grm. 1362p. 423; 1363p. 4;
Lewis, N. & R.S. p. 71; Heib. p. 70; Guiana p. 33; Carr. p. 39; Hull; Cl.
1367p. 665; 1368p. 221; 1373p. 25; 1391p. 64; R.E.D. p. 306; O'M.I.D. p.
329; Hlogel, Baltic; Pet. Cat. p. 34; Lagr. 1376p. 22; Fortm. Cey. p. 53; Sm.
Sp. T. No. 433; Deby Polder p. 21; M.T.P. 2-I-3; Dannf. p. 45; V.A.S. p. 166-
54f17-21; T. No. 362; Perag. p. 74; Villef. p. 37; Wolle, 5f18-11; Del. S.
p. 763; Malaisie; (Frag. Carmichaelii & striatula; Tesselata catena.)--
- MIRIFICUM, S.B.D. 2p. 35, Note; Q.J.M.S. 1359p. 130-9f11; 1353p. 92; Prit.
p. 305-3f12; Jan. & R. p. 12-2f19; B.O.N.A. 1365p. 101; R.E.D. p. 306;
Sm. Sp. T. No. 433; Malaisie; (R. formosum.) (Climacostoma.)-
- MUSICA, Brun 1391p. 42-13f5; 14f8; Pant. 3pl. 34f439;
Del. S. p. 765; *Atlas 217f11-13: 221f9-13*; (R. formosum.)-
- ROBUSTUM, Grm. 1362p. 422-3f1; R.E.D. p. 306; Del. S. p. 761; +
- TORELLI, Cl. 1373p. 24-11f4; Vega p. 434; Del. S. p. 761;
- VALDELATUM, Brun & Tp. p. 53-Iff; Del. Syll. p. 763; *Atlas 218f18-20 = (R. japonicum, 7+8)*

RHABDOSIRA.-(Ehrh, 1867)

MOLLUCENSIS, E.-Abh. Ber. 1369p. 52, pl. 2-3f11; Del. S. p. 681;

RHAPHIDODISCUS.-(Christian, 1887)

- CHRISTIANI, Gascoyne.-The Mier., 1837; 1369p. 132-6f4;
Wolle, 34f2; Del. Syll. p. 313;
- WEBIGERI, Christian, l.c., 1837; 1369p. 132-6f1, 2; Del. S. p. 313;
Wolle, 34f3, 4; (Coccinella.)---
- MARYLANDICA, Christian, l.c., 1837; 1369p. 132-6f3;
Wolle, 34f1; Del. Syll. p. 313;

RHAPHIDOGLOEA.-(MacG, 1884)

- , Menz. A.N.D. p. 426; (Coccinella)
- INTERRUPTA, K.B. p. 110-22f13; K.S.A. p. 97; Prit. p. 925; R.E.D. p. 144;
Grm. 1362p. 470-11f15; Hew. Vol. 7p. 5; Sm. Sp. T. No. 437;
(Berkeleya; -Schizonema radians.)---
- MANIPULATA, K.B. p. 110-22f15; K.S.A. p. 97; Prit. p. 925; R.E.D. p. 144;
Hew. Vol. 7, p. 5; (Berkeleya m. & interrupta, l.c.: -R. interrupta.)-
- MEDUSINA, K.B. p. 110-22f17; K.S.A. p. 97; Prit. p. 925; Grm. 1362p. 470-
11f15; Hew. Vol. 7p. 5; R.E.D. p. 144; (Berkeleya interrupta.)--
- MICANS, K.B. p. 110-22f13; K.S.A. p. 97; Prit. p. 925; R.E.D. p. 144; -----
Jm Fortm. D. M. p. 19: 19: 4

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Amphiceros, Fortm. 19m - p. 7: Cey, p. 120

(Billingsley & Smith, 1980) --

---Vide Ehrb. in Abh. Ber., 1870p. 55.---

Protracta, Cleve, Vol. 1, 499-37655; 1917, p. 1703;

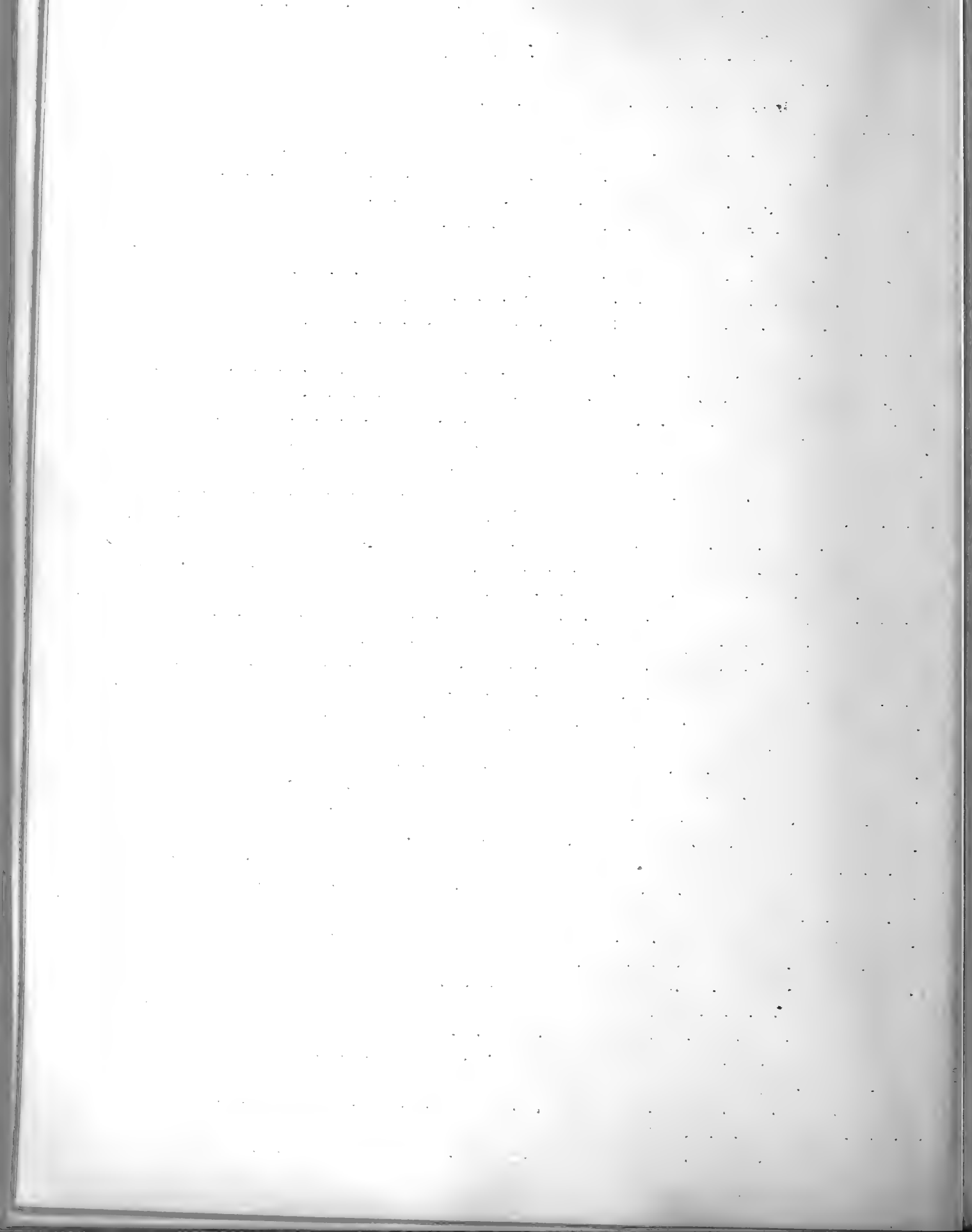
+ fasciolata, Forster, 1794.

+ "v. Australis, Petit, Cap Horn.

✓ + fluminensis, (Achnanthes Loenz.)

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- BISERIATA, Pant. Ip. 35-27f263; Notar. I333p.533; Del. Syll. p. 706;
 BORYANA, Pant. 2p. 62-23f400; Del. S. p. 704;
 CADUCEUS, Grun. -V.H.S. p. 147-37f5; T. No. 279: (Sceptioneis.)-
 CAPENSIS, A.S., Atlas I93f13;
 CASTRACANEI, Grun. -V.H.S. pl. 36f23; T. No. 273;
 Del. S. p. 709: (R. ampiceros, v.) ---
 COCCONEIS, E. -Abh. B. I369p. 52, 11. 2-1f7; Woll. 2, 37f11; Del. S. p. 703;
 DEBYI, Pant. Ip. 34-3f70; Notar. I333p. 539; Pant. 2p. 63; Del. S. p. 705;
 DELICATULA, Pant. I. 34-1f3; Not. I333p. 536; Del. S. p. 704;
 DIGITUS, E. -Mik. p. 333; Prit. p. 792; Del. S. p. 703;
 DUBIA, Grun. I363p. 99-1a, f6; (Mast. ? - (R. rhombus, v.) -
 ELLIPTICA, E., Mik. p. 82; Castr. I337p. 49-23f13; Del. S. pp. 702, 709;
 ENTOMON, E. -Mik. p. 36; Prit. p. 792; Del. S. p. 709;
 FASCIATA, E. -Mik. pl. 35A-9f3x; Prit. p. 792; R.E.D. p. I23;
 Del. S. p. 709: (Doryphora ampiceros
 FASCIOLATA, E. -Abh. Ber. I344p. 204; Mik. pl. 35A-22f16; K.S.A. p. 49; M.S.
 I354p. 75-6f3; Prit. p. 792; Jan. & R. p. 12-1f14; R.E.D. p. I23; Petit Cat.
 p. I3; Nimrod; Fortm. Cey. p. I2; Deby Pol. p. 22; J.R.M.S. I373p. 238-14f6;
 Malaisie; (Campyloneis Grevillei, v.; -Doryphora & R. ampiceros.) ---
 v. Australis, Petit Cat. p. I3-4f6; ~~Thoms I373p. 238-14f6~~ (R. sinuella, v.) ---
 FLUMINENSIS, Grun. I362p. 332-7f5; Italy; Fortm. Cey. p. I2; R.E.D. p. I75;
 V.H.S. pl. 36f34; Atlantic City; Vega p. 512; Woll. 63f5; Del. S. p. 701;
 FOLIACEA, E., Abh. Ber. I370p. 59; I349p. 35; Del. S. p. 705;
 FUCHSII, Pant. 2p. 63-17f234; Del. S. p. 703: (R. Asiatica.) --
 FUSUS, E. -Mik. Ber. I344p. 87; Prit. p. 791; Woll. 63f39;
 Del. S. p. 703:
 GANGETICA, E. -Mik. p. 140; Prit. p. 792; Del. S. p. 709;
 GEMMIFERA, E. -Abh. B. I344p. 37; ~~Abh. B. I344p. 37~~; Verm. I. /; K.S.A. p. 49;
 T.M.S. I354p. 75-6f7; Prit. p. 791; V.H.S. pl. 36f31; Atlantic City; Pant.
 Ip. 34-12f101, 104; 2, p. 63; Woll. 37f17; Del. S. p. 706:
 (Doryphora & R. ampiceros.) --
 v. Biharensis, Pant. 2p. 63-17f231; Del. Syll. p. 707;
 v. elegans, Pant. Ip. 34-2f21; 20f179; 27f264; 2, p. 63;
 Notar. I333p. 519; Del. S. p. 706;
 v. Moravica, Pant. Ip. 34-30f322; Notar. I333p. 540;
 Del. S. p. 707: (R. Morav.)
 v. Neogradensis, Pant. Ip. 34-12f107; 2, p. 63; Notar. I333p. 539;
 Del. Syll. p. 706;
 v. parce-punctata, Pant. Ip. 34-13f163; 27f270; 2, p. 63;
 Notar. I333p. 539; Del. S. p. 707;
 v. subtilior, Pant. 2p. 63-22f337; Del. S. p. 707;
 HARRISONI, O'M. I. C. I. 296: (Diatoma; -Odontidium.) ---
 HAUCKII, Grun. -Cl. & M. No. 208; Del. Syll. p. 707;
 HUNGARICA, Pant. Ip. 34-3f30; 25f244; 2, p. 63; Del. S. p. 704;
 Notar. I333p. 540;
 INDICA, E. -Abh. Ber. I344p. 365; Mik. p. 140; K.S.A. p. 49; Prit. p. 792;
 R.E.D. p. I26; Del. S. p. 707;
 JAPONICA, Castr. I337p. 49-19f2; Not. I339p. 592; Del. Syll. p. 702;



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- JONESII, O'M.; -M.J. I367p.247-7f10; 1868p.146; (Cocconeis scutellum.)
 KINKERI, Pant.2p. -I5f222;
 LAEVIGATA, E.-Mik.p.311; Det.S.p.709;
 LAEVIS, E.-Mik.p.140; Prit.p.792; Det.S.p.709;
 LANCEOLATA, E.-Abh.B. I344p.334; I370p.23; Mik.p.140; I.34-7f13;
 K.S.A.p.49; Prit.p.792; R.E.D.p.126; Det.S.p.703;
 LANCETIULA, Grun.-Pant.Ip.35-27f271; Not.I331.540;
 Det.S.p.705; (Rag. amphiceras.)--
 v. Jutlandica, Grun.-Pant.Ip.35-30f321; Not.I331.540; Det.S.p.705;
 LEPTOCERAS, E.-Abh.Ber. I344p.37; K.S.A.p.49;
 Prit.p.791; Det.S.p.707; (Cocconeis; -R. amphiceras, v., & Jutlandica.)
 LIBURNICA, Grun. I362p.333-7f6; R.E.D.p.125; O'M.I.D.I.296-23f5;
 Fortm.Cey.p.12; V.H.S.p.143-30f33; Italy; (R. & Cocconeis nitida)
 var., O'M.-M.J. I367p.246-7f8; Villef.p.36-2f12; -(Cocconeis distans.)
 LIBURNICA, A.S., Atlas I93f14, I5;
 LINEARIS, E.-Mik. I356p.14; Wollé, 63f28; Pant.Ip.35-27f262;
 Not.I333p.540; Det.Syll.pp.704, 709;
 LORENZIANA, Grun. I362p.331-7f30; R.E.D.p.126; O'M.I.D.I.296;
 Pant.2p.63-28f40I; Det.S.p.701; -(Achnanthes L.) Fort
 LUMEN, Brun & Tp.p.51-9f8; Det.Syll.p.703;
 LUSITANICA, Rabh.E.D.p.126; Det.S.p.702;
 MACULATA, Cl.Vega p.499-37f56; Det.S.p.702;
 MAMMALIS, Castr. I357p.48-26f3; Not.I339p.692; Det.S.p.702; -1868p.146;
 MARGINATA, Grun. I362p.333-7f13; R.E.D.p.126; (Cocconeis scutellum, v.)
 MARGINULATA, Grun. & Cl.-Vega p.500-37f57; Det.S.p.703;
 MEDITERRANEA, Grun. I362p.332-7f7; R.E.D.p.125, f39c; Italy;
 Det.S.p.701; Petit, Cap Horn;
 MOLLUCENSIS, E.-Abh.Ber. I369p.52; Det.S.p.703;
 MOOREI, M.J. I367p.247-7f11; 1868p.146; (Cocconeis scutellum.)--
 MORAVICA, Pant.2p.63; (R. gemmifera, var.)--
 MORSIANA, Grun.-Pant.Ip.36-27f269; Not.I331.540; Det.S.p.704;
 NANA, E.-Abh.Ber. I372p.210; Det.S.p.709;
 NITIDA, Grun. I363p.99; Det.S.p.700; Atlas I93f16, I7;
 (Cocconeis; -R. Liburnica.)----
 NODULIFERA, A.S., Atlas I93f12; (Cocconeis)
 OREGONICA, E.-Abh.B. I344p.53; I370p.59; Mik.p.140; 37-2f15;
 Wollé, 63f4; Det.S.p.705; (Rag. rhombus; -R. leptoceras.)-
 PETROPOLITANA, Grun.-Pant.Ip.36-27f263; Not.I331.541;
 Wollé, 63f26; Det.S.p.705;
 PIMULARIA, Brun & Tp.p.52-7f11; Det.S.p.706;
 PRETIOSA, E.-Abh.Ber. I344p.37; K.S.A.p.49; Bréb.B.C.I. 7; T.H.S.
 I354p.75-3f9; Prit.p.791; Geoy P.p.22; Cl.Nares; Wollé, 37f15; Det.
 Syll.p.707; (Diphyra & R. amphiceras; -R. angustata.)--
 QUARNERENSIS, Grun. I362p.331-7f24; R.E.D.p.126; Cl. I373p.26; -1868p.146;
 Vega p.500-37f56apb; Italy; Det.S.p.701; (Cocconeis.)
 v. major, Cl. I373p.23-4f26; (Cocconeis m.)-
 RHOMBOIDES, E.-Mik.p.132; Prit.p.792; Det.S.p.706;

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- RHOMBUS, E. ~~Mon.~~ Ber. 1344p.37; Mik.pls. 13134,35; 35-13137; 35A-1115; N. J. 1354p.75-3f10; Prit.p.792; K.B.p.73; K.S.A.p.49; Grun. 1352p.331-7f33; R.E.D.p.125, 139a,b; Petit Cat.p.13; O'M.I.C.p.295; Ganzl, 1373, p.5; Lagr. 1373p.13; Fortm.Cey.p.II; Sm.Sp.1.No.440; Denj. Polid.p.22; Italy: Pant.2,p.63; Det.S.p.700: *Fortm. Ann.* (Coccineis; -Dimer. gramma & R. surirella; -Doryphora & R. amphiceros.)
 v. Amazonica, Grun.-Pant. Ip.35-27f267; Not. 1333p.54I; Det.S.p.701;
 v. dubia, Grun. 1333p.19-1a,f6; Grevillea Vol.I, p.77-5f7; Det.Syll.p.701: (R.dubia.)
 v. intermedia, Pant. Ip.35-23f275; Not. 1333p.54I; Det.Syll.p.700: ---
 ROSTRATA, E.-Mik. 1356p.7I; Det.S.p.703:
 SCALARIS, E. ~~Mon.~~ Ber. 1344p.27I; K.S.A.p.49; Prit.p.792; V.A.S.p.1. 33f32; Atlantic City; Woll. 37f16; Det.S.p.707:
 ----RHOMBUS, var. Szakalensis, Pant. Ip.35-29f233: (R. angustata, v.)
 SCUTELLOIDES, Grun. 1352p.333-7f34,35; R.E.D.p.126; Fortm.Cey.p.II; O'M.I.C.p.295-26f4; Det.S.p.701: - (Coccineis)
 SCUTELLUM, E. ~~Mon.~~ Ber. 1344p.204; Mik.pl. 35A-1f5; Prit.p.792; R.E.D.p.126: (Pet. Nimou p.4-3f6 = *Ach. Lorenz.*): - (Coccineis)
 SETACEA, E.-Mik.p.13; Prit.p.792;
 SIMBIRSKIANA, Grun. & Pant.-Ip.35-13f132; Notar. 1333p.54I;
 SUBORBICULARIS, O'M.-M.O. 1367p.245-7f9: (Coccineis Grevillea, v.)
 SUBTILISSIMA, Pant. Ip.35-2f23; 23f277; Not. 1333p.542; Det.S.p.705;
 SUPERBA, Jan.-Grun. 1352p.382; 1333p.16; R.E.D.p.126: (Coccineis.)
 SURIRELLA, E.-Grun., Cl. & N.No.203; V.A.S.p.147-30f26,27a; Italy; Vega p.507; Villef.p.33: *Petit* (Frag.; -R. rhombus, v.; -Zygoceros.)
 v. Australis, Petit.-V. I.S.p.147-35f27b; (R. fasciolata, v., & A.)
 SZAKALENSIS, Pant. Ip.35-29f233; Not. 1333p.54I; Det.S.p.703; (R. angustata, var.)-

RHIPIDOPORA.-----

- , Menge. A.N.C.p.433;
 ABBREVIATA, K.B.p.122-9f14; K.S.A.p.II2; Westendorp, G.; -Prit.p.770; Mull; Araisson 1364p.393; R.E.D.p.293; - (Liemophora a. & Lynceus, v.)
 ANGLICA, K.B.p.121-27f5(2,4); K.S.A.p.III; Prit.p.770; - (Liemophora.)
 AUSTRALIS, K.B.p.121-9f5; K.S.A.p.III; Prit.p.770; R.E.D.p.297; Grun. 1332p.349; (Liem. & paradoxa, v.)
 BOREALIS, K.B.p.121-9f6; K.S.A.p.III; Prit.p.770; R.E.D.p.297; (Liem. Oeipus, v.)
 CRATICULA, Montagne Ann.Sci.Nat. 1350p.306; Gayan.p.65; Syll.p.473; Prit.p.77I; (Podospaenia.)
 CRYSTALLINA, K.B.p.121-9f10(5); 5f1xxx; Prit.p.770; K.S.A.p.III; Grun. 1332p.349; R.E.D.p.297; (Liemophora.)
 DALMATICA, K.B.p.122-9f7a,8f; K.S.A.p.II2; Breh.D.C.p.22; S.B.D.Ip. 34-25f230; Prit.p.770; Grun. 1332p.349; Carr.p.73; R.E.D.p.293; Sm.Sp.1.No.44I; (Liemophora.)
 v. Oeipus, K.-Grun. 1332p.349; (Liem. & R. Oeipus.)
 ELONGATA, K.B.p.122-10f3; 24f1(3); K.S.A.p.II2; S.B.D.Ip.34-25f232; Westendorp, G.; -Grun. 1332p.35I; Carr.p.73; Lewis, N. & R.S.p.7I; *Leaw.* Vol.3, p.2; R.E.D.p.293; Sm.Sp.1.No.442; (Liem. divisa & Jurgensii; -Podospaenia; -R. & Gomphonema tineta.)

+ alata, Cl. 1897 p. 24:

7 " v. corpulenta, Cl. 1897 p. 24-2 f 11:

7 " " truncata, Gran N. r. p. 6-4 f 671 - (R. obtusa.)

- GRANDIS, K.B.p.122-IIIfI; K.S.A.p.II2; Prit.p.77I; Dannf.p.46;
 Grun.1332p.35I-7fI; (Liemophora.)--
 v. arachnoidea, K.B.p.122-9f3; R.S.A.p.122; (Liemoph.)
 NYALINA, H.L.Sm.Sp.1.No.443; (Liemoph.)
 NUBECULA, K.B.p.122-8fI6; K.S.A.p.II2; Rab.Alg.en.No.135I;
 Prit.p.770-13fI7; Grun.1332p.350; R.E.D.p.293, f75(2a);
 (Gomphonema Balticum; -Liem.)--
 OCEANICA, K.B.p.122-10f4; K.S.A.p.II2; Westendorp, G.: Prit.p.77I;
 R.E.D.p.296; Grun.1332p.35I; (Liem. tineta, v.; -R. paradoxa, v.)--
 var. "b", flabellata, K.B.p.122; Prit.p.77I; K.S.A.p.II2;
 OEDIPUS, K.B.p.121-13f5(5-7); 25f9(5xx); 26f9(2x); K.S.A.p.III;
 Prit.p.770; Grun.1332p.349; R.E.D.p.297;
 (Gomphonema subacaule; -Liemophora.)---
 PARADOXA, K.B.p.122-10f5(5); K.S.A.p.II2; S.B.D.Ip.34-25f25I; Flom.;
 Prit.p.770-4f3; M.D.pl.13fI9; Grun.1332p.350; Audissone 1333p.399;
 Lewis, N. & R.S.p.7I; Carr.p.73; Mull; R.E.D.p.293, f72(b); Sm.Sp.1.
 No.699; Dannf.p.46; Wille, 29f3, 4;
 (Echinella; -Gomphonema; -Liemophora; -Podosphaeria; -Styllaria.)---
 v. Meneghiniana, Grun.1332p.35I; (Rhaphoneis M.)
 v. Oceanica, Grun.1332p.35I; (Rhaphon. O.)---
 v. superba, Grun.1332p.35I; (Rhaph. s.)--
 SUPERBA, K.B.p.122-10f7; K.S.A.p.II2; Prit.p.77I; Grun.1332p.350;
 R.E.D.p.293; Sm.Sp.1.No.444; (Gomphonema tineta; -R. paradoxa, v.)--
 TENELLA, K.B.p.122-IIIf3; K.S.A.p.II2; Prit.p.770-13fI5; Grun.1332p.350;
 ; Hull; Grun.1332p.350; R.E.D.p.293; Sm.Sp.1.No.445; -(L. Dalmatica, v
 TINCTA, Ag.-Ralfs, Prit.p.770; -(Gomphonema tineta; -R. elongata; -Liem.)--

RHIZONOTIA.-(Chr., 1842)

- MELO, E.-Abh.Ber.1843p.140; Mik.p.7; Prit.p.336-3f4I;
 (Amphora; -Rhizosolenia.)

RHIZOSOLENIA.-(Chr., 1843)

- , Bailey, A.J.S.1344p. -3f29, 30; 1345p.204; Grun.1332p.350;
 ALATA, Brtw.-M.J.1353p.96-5f3; 1359p.14-2fI-4; Prit.p.335; Carr.p.97;
 M.D.pl.42f43; Hull; Grun.1333p.23; Cl.1373p.10; Java p.II; Sm.Sp.1.
 No.446; V.H.S.pl.79f3; Vega p.436; Villef.p.34; Bot.Ges.Ber.1333p.3;
 Malaisie; Det.S.p.330; Bot.Cbl't.1333p.4; Det.S.p.330; Det.S.p.330;
 v. gracillima, Cl.-V.H.S.pl.79f10; 1.No.446; Det.S.p.330;
 DeD.No.9p.II5-I7fI2, I3; (R. gracillima.)--
 AMERICANA, E.-Amer.p.134; K.B.p.15I; K.S.A.p.24; A.J.S.1344p.30I; Mik.
 pls.13f93; 33-13f10; 33-13f14; Weisse 1354p.345-If29; J.R.M.S.1353p.
 93-5f3; M.D.pl.4If43; Prit.p.336; Atlantic City; Wille, 35f3-5; Det.
 S.p.332; LeD.No.9, p.II6; (Pyxilla.)
 ARAURENSIS, Castr.1337p.74-30fII, I2, I4; LeD.Vol.2p.III-15f3;
 Notar.1339p.692; Det.Syll.p.326;
 ATLANTICA, Perag.-LeD.No.9, p.II4-I7f14, 5; Det.S.p.329; Det.S.p.329;
 BARBATA, E., Abh.B.1344p.33; Mik.pl.13f106; Det.S.p.332;
 K.S.A.p.24; (Goniothecium.)

15. in Musc. Cl. 1897 p. 24-25;

> obtusa; Hensen, Funft. Kommiss. Kiel 1887 p. 86-87 41; Cl. 1897 p. 25:
(*R. alata*, var. *truncata*.)

BARBOI, Brun.-(Pyxilla.)-

BERGONII, Per.-LeD.Vol.2p.110-15f5; Det.S.p.325;

CALCAR-AVIS, Schultze.-Miller Ach.1353p.359-13f5-10; M.J.1359p.14-2f5-10; Prit.p.365; Hull: Cl.Java p.II; Villef.p34; Det.Syll.p.323; LeD.No.9, p.II3-15f9, 10; Cl.1897p.24;

CALYPTRA, E.-A.Ber.1344p.204; Mik.pl.35A-22f17; M.S.A.p.24; M.J.1335p.94-5f2; Prit.p.336-7f3I; O'M.Kerg.; Wollz, 35f3; Det.S.p.331;

CAMPANA, E.-Abh.Ber.1344p.271; M.S.A.p.24; M.J.1353p.91; Prit.p.355; LeD.No.9p.II6; Det.S.p.331;

CASTRACANEI, Cl. Kattagat Diats.p.2 cm 1000; -(Guinardia & R.flaccida)

CASTRACANEI, Perag.Villef.p.33-3f42; LeD.Vol.Ip.III-14f4;

Notar.1339p.357; Det.S.p.326; Cl.1897p.24;

COCHLEA, Brun 139Ip.43-19f9; LeD.No.9, p.II3-13fII; Det.S.p.328;

DEBYANA, Perag.-LeD.No.9, p.II-15f7, 7a; Det.S.p.326;

DUPLEX, Bailey Coll.: LeD.No.9p.II6; Det.S.p.332;

ERIENSIS, H.L.Sm.Sp.1.No.447; Lens Vol.Ip.44; A.Q.S.S.137p.13-5f7; Hew.1379p.30; V.H.S.pl.79f9; A.S.M.1332p.177-4f1a; Lake Michigan; Wollz, 35f2; LeD.No.9p.I09-13f19; Det.Syll.p.324;

FLACCIDA, Castr.1337p.33-29f4, 3; Det.S.p.332; (Guinardia.)

FORMOSA, Per.Villef.p.33-3f43; Notar.1339p.357;

LeD.No.9p.II0-14f2; Det.S.p.325;

GRACILLIMA, Cl.-N.L.K.C.p.26-3f73; Cl.& M.No.75; (R.alata, v.)-

GRACILIS, H.L.S.-A.S.M.1332p.177-4f1b, bI; Lake Michigan; Wollz, 35f1; LeD.No.9, p.II6; Det.S.p.332;

HASTATA, Grun.-Cl.& M.No.207; LeD.1392No.9p.II2-13f10; Det.S.p.327;

HEBETATA, Bailey, A.J.S.1353p.5-1f13, 19; M.J.1353p.95-5f4; Prit.p.366; Sm.Sp.1.No.443; Grun.1334p.46-5f43; Cl.Vega p.433-3f39; Det.Syll.p.329; LeD.No.9, 1392p.II4-17f10; Cl.1897p.24;

v.subacuta, Grun.1334p.46-5f49, 50; (Rh.heb.)-

IMBRICATA, Brtw.-M.J.1353p.95-5f3; Prit.p.355; Carp.p.97; Hull: Cl.Java p.II; Cl.& M.No.236; O'M.Kerg.; Sm.Sp.1.No.449; V.H.S.pl.79f5, 6; Carp.133Ip.355, f134; Villef.p.34; Castr.1337p.73-24f1; Det.S.p.323; LeD.1392No.9, p.II3-17f2, 3; Cl.1897p.24;

v.striata, Grun.-V.H.S.pl.79f3, 4; 1.No.444; Malaisie;

(Rh.imbricata & striata.)----

INAEQUALIS, Castr.1337p.71-24f15; Notar.1339p.392; Det.S.p.329;

LeD.1392No.9p.II4;

INDICA, Per.-LeD.1392No.9p.II6-17f16; Det.S.p.331;

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JAPONICA, Castr.1337p.72-24f17; Not.1339p.395; (R.scutiger.)--

LAEVIS, H.L.Sm.Sp.1.No.449 sub; LeD.1392No.9p.II2-13f15; Det.S.p.327;

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Det.Syll.p.332;

(Rhizonotia.)--

MURRAYANA, Castr.1337p.72-24f12; LeD.1392p.I09-13f23; Det.S.p.324;

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1. *semispina*, H. v. s. Jurf. k. Kommiss. Kiel 1886 p. 84-5 f. 39A, B:
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(*R. setigera* Tetig, v. *grac.*) -

2. *Tigera*, Tetig. - Cl. 1897 p. 25

" var. *gracilis*, Cl. R. I. A. 96 p. 3) No. 5: - (*R. semispina*.)

" v. *subtilissima*, Gn. 1884 p. 109:

- PACIFICA, Perag.-LeD. I392No.9, p. II7-I7f3, 7; Del. Syll. p. 329;
 PILEOLUS, E.-Abh. B. I344 p. 33; Wille, 34f2I; LeD. I392No.9, p. II3: Del. S. p. 324;
 94: Prit. p. 333; Wille, 34f2I; LeD. I392No.9, p. II3: Del. S. p. 324;
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 327; Notar. I339p. 693; (R. styliformis, v. latissima.) --
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 Cey. p. 73; Sm. Sp. 1. No. 450; V. 1. S. p. 179f5-3; Villst. p. 34; Malaisie;
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 SIMA, Cast. I337p. 7I-24fII; LeD. I392No.9, p. II2-I6f3;
 Notar. I339p. 693; Del. S. p. 327;
 var., Cast. I337p. 74-29f9; (R. sima.) --
 STOLLERHOFFII, Per. Villst. p. 32-34f4; LeD. I392No.9, p. 105-I3f17, 13;
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 SQUAMOSA, Pantoc. 3p. -35f493;
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 No. 451; LeD. Vol. 2 No. 9, p. II4-I7fII; Del. S. p. 329; (R. 1897, p. 100.) --
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 I392No.9, p. III-I6fI-5; Del. Syll. p. 323; C. 1897, p. 100;
 v. latissima, Brw.-M.O. I353p. 94-5f5c; (R. polydactyla.) --
 TEMPEREI, Perag. Villst. p. 33-5f40; LeD. I392No.9, p. II0-I4f3;
 Notar. I339p. 357; Del. S. p. 325;
 v. acuminata, Per.-LeD. Vol. 2, No. 9, p. II0-I3f4, 7; Del. S. p. 325;
 VULGARIS, E.-Abh. B. I372p. 194; LeD. I392p. II7; Del. S. p. 325;

RHIZOSOLENIA. --

- BOLLEANA, Grun. I333p. 147-10fII; R. 1897, p. 100; Italy;
 Cl. I373p. 20; Vega p. 439; Pac. Minou; Del. S. p. 193; (Navicula.)
 v. asymmetrica, Cl., Vega p. 439-37f39; Del. Syll. p. 193; (Navicula.)
 v. Sibirica, Grun.-Cl. & T. No. 302; Vega p. 139-37f33; Del. S. p. 193; (Navicula.)
 CUBITUS, Bn. & T.-Del. Syll. p. 199; (Navicula.)
 GARKEANA, Grun. I333p. 148-10f12; R. 1897, p. 100; M.T. r. 2-3-7;
 Del. S. p. 197; (Nav. tumida, var. Garke.) ---
 GENUFLEXA, Grun. I333p. 147; I333p. 7; Cl. Vega pp. 495, 506; Del. S. p. 197; (Nav.)
 INCUDIFORMIS, Cl.-Del. Syll. p. 193; (Nav. incus, var. & incus.) --
 JAVANICA, Grun.-Del. Syll. p. 199; (Navicula.)

100-200-200

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- OBUSA, Cl. Vega p.469-38f25: Del.Syll.p.198: (Navicula.)
 SUPERBA, Cl.-Del.Syll.p.198: (Navic.)-
 ' v.elliptica, Cl.-Del.S.1.199: (Nav.Syll.p.199,v.)---
 TRIGONOCEPHALA, Cl.-Del.Syll.p.199: (Nav.)
 TRINODIS, Gran.-1888p.147: Del.S.1.199:-(Achlanthes-Achlanthes.-Nav.)
 ' v.inflata, Schultze.-1.B.C.1339.101-9017; Del.S.1.199:

RHOIKOSIGMA.

- ANTILLARUM, Cl.1873p.9-2f14; J.M.1879p.29-1f14; Vega p.506; Malaisia:
 Per.Pleur.p.35-10f1; Del.Syll.p.269: (Gyrosigma compactum.)---
 ARCTICUM, Cl.1873p.13-3f16; Vega p.477: Per.Pleur.1.32-10f15,17:
 Del.S.p.270: (Gyros.a.)---
 ' v.irregularis, Per.Pleur.1.32-10f16; Del.S.1.270: (Gyros.a.,v.)--
 COMPACTUM, Gran.-Cl.1873p.9; 1880p.54: Vega p.477; Per.Pleur.1.33-
 10f7,3; Del.S.p.268:-(Donkinia;-Gyrosig.;-Pleurosigma;-R.Reichardtii)
 ' v.curvata, Gran.-Per.Pleur.p.33;
 CALCATUM, Donkin.-Gran.in Per.Pleur.p.31-9f25-27; Heaw.1887p.20;
 Del.Syll.p.268: (Pleurosigma;-Toxonidea.)
 INCERTUM, Per.Pleur.pl.9f21; Del.S.p.270: (Pleurosigma.)
 LINEARE, Gran.-~~Cl.1880p.59~~; Per.Pleur.p.32-9f11;
 Del.Syll.p.270: (Gyrosigma~~Pleur.~~)--
 MAROCCANUM, Cl.-Per.Pleur.1.32-9f22; Del.S.1.270: (Pleur.)-
 MEDITERRANEUM, Cl.-M.O.1877p.182; M.L.K.C.1.6-1f9; Malaisia;
 Per.Pleur.p.32-9f29-32; Del.S.p.269: (Gyrosigma.)
 ' v.calcareo, Bn.-Per.Pleur.p.32-9f23; Del.S.1.269:-(Gyrosigma,v.)---
 MERESCHOVSKYI, Reinhardt.-Del.Syll.1.270: (Achlanthes.)
 OCEANICUM, Per.Pleur.p.33-10f5,6,10-15; Del.S.1.268:-(Gyrosigma,v.)-
 REICHARDTII, Gran., Heaw.1887p.19; M.M.O.1877p.131-195f10; Malaisia;
 Cl.1873p.93; Vega p.477: (Gyros. & R.compactum.)-
 ROBUSTUM, Gran.-Cl.1873p.23; Vega p.477: Del.S.p.269:
 Per.Pleur.p.33-10f2,3; (Gyros;-Pleurosigma)
 ' v.inflexa, Per.Pleur.1.34-10f4; Del.S.p.269: (Gyros.rob.v.inf.)
 ?? SAMOENSE, Gran.- (Pleurosigma.)
 ?? STAUROPHORUM, Gran.- (Pleurosigma.)
 SULCATUM, Cl.1880p.54: ..
 TAHITIENSE, Casti.Notar.1889p.691; Del.S.1.269: ..
 WEISSELOGII, Gran.-Cl.1880p.54; Per.Pleur.1.31-9f20,24; Del.S.1.268: ..

RHOICOSPHAENIA.-(Gran.,1860.)-

- , Gran.1860p.511: -, Pfitzer p.91:
 -, Tanarek 1879p.46; -, Defoni, Oss.3 c.1.900:
 CONTRACTA, Rabh.E.D.1.292; Del.Syll.p.483: (Goniorhiza c.)--
 CURVATA, K^{new}-1881b.1.120; M.O.pl.43f19a; Schum.1.7.1.64; Cl.1887p.303;
 1888p.239; 1873p.26; Nares; Vega p.463; 1891p.53; Cl.& M.No.241; R.
 Alg.Eur.Nos.403,461; Gran.1863p.3; 1875p.9; Ent.S.1.7.No.31; R.E.1.1.
 112,f23a,b; Sur.Jap.p.17-2f30; Pfitzer p.91-6f9; Kirch.Alg.Schlies.
 p.195; Eiben,1871; Floegel,Baltic; Petit & Leud.; Nimrod; Cat.p.16:
 liste p.16; Brun Alp.1.41-3f21; M.T.1.2-3-3; Reinhardt; Del.1889p.
 58; Tanarek 1879p.43f26b; Italy; V.1.S.1.127-20f1,2; 1.No.1.1:-----

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PERAF. f. 52; Villef. f. 33; Bellon. Lichon: wolle, 27119-21; Lich. Lichon: Truan 1835p. 55-4fII; Herib. p. 51; Del. S. p. 437; *Destimp* 1897p. 327;

(Gomphonema c. & minutissimum) *marina* & *capitata*.

var. "a", aquatica, K.-R.E.D.p. II2:

var. "b", salina, K.-R.E.D.p. II2:

(Gomph. minutiss.) ---

var. "g", pulvinata, K.-R.E.D.p. II3:

var. "d", marina, K.-R.E.D.p. II3, f28c: M.D. pl. 43fI9b: V. i. S. pl.

26f4; T. No. 225; Italy; Peraf. f. 52; wolle, 27fI7, 18: Del. S. p. 437;

(Gomphonema m.) ---- *Petit, Cap Horn*:

CUSPIDATA, Rabh. E.D.p. 292; Del. Syll. p. 433:

(Gomph. c.) ----

FRACTA, Schum. 1867p. 44: Petit liste p. 17: Gallik, Papau;

Del. S. p. 433:

(Gomph. f.)

var. "b", Baltica, Schum. 1867p. 54-IfI9: Dannf. p. 23;

MARINUM, *Reichm. Cey.* p. 14: *Reichm. Cey.* p. 14: (Gomph. r.)

VANHEURCKII, Grun. -V. i. S. p. 127-26f5-9; Del. S. p. 433; Herib. f. 51;

Cl. Nav. 2p. 165:

RIMARIA. - (*Kütz., 1844*) -

A Subgenus of Syneura:

VIDE K.B. p. 69; Meneg. A.N.D. p. 403. ---

ROPERIA. - (*Grun., 1880*) -

TESSELATA, Grun. -V. i. S. p. 113f6, 7; Del. Syll. p. 1037:

(Actinocyclus; -Eupouiscus.) -- *Cl. 1897p. 25*

ROSARIA. - (*Carm., 1827*)

GLOBIFERA, Carmichael in Hooker's British Flora, Vol. 2, p. 372; A.M.

N.H. Vol. 12, pl. 9f3: (Melosira salina, var., & g.; -Podosira Montagnei.) --

LENTIGERA, Carm. - Hooker's Brit. Fl. Vol. 2, p. 372: K.S.A. p. 23:

(Melosira l. & lineata.)

ROUXIA. - (*Brun., 1893*)

PERAGALLI, Bn. - LeD. No. 12p. 177-12f2; Heribaud p. 156-IfI2a-c:

RUTILARIA. - (*Grev., 1863*) -

BARBADENSIS, P

(Plagiogramma.)

CAPITATA, Brun & T. p. 54-If3; Pant. 3pl. 33f472; Del. Syll. p. 1022:

(R. epsilon, var.) ---

CATENATA,

(Clavularia.) ----

EDENTULA, Cacti. 1837p. 92-13f14; Not. 1839p. 343; Del. S. p. 1020;

ELLIPTICA, Grev. - M.J. 1863p. 229-9f3; T.M.S. 1863p. 125-11f9, 10:

Del. S. p. 1022:

EPSILON, Grev. - M.J. 1863p. 228-9f1: J.R.C. 1867p. 64; wolle, 68fI:

Del. S. p. 1021:

(Nitzschia?; -R. capitata & longicornis.)

v. longicornis, Tp. & Bn. - Atlas 183fI3-16:

v. hexagona, Grun. - Del. Syll. p. 1021:

(R. hex.) -

v. tenuicornis, Grun. - Del. S. p. 1021:

(R. ten.)

v. tenuis, Grove & St. - J.R.C. 1867p. 74-3fI3; Not. 1837p. 349:

Del. S. p. 1021:

(R. tenuis.)

forma cornuta, Br. & Tp.

Del. S. p. 1021: - (*Var. hexagona*)



- LACAVATA, Bn.-Led.Vol.2No.17, p.37-5f13, 19;
 HEXAGONA, Grun.-V.H.S.pl.105f8; Wollg, 6362: Atlas 133f17;
 (R. epsilon, var.) ---
 v. cornuta, Brun & T. p.55-1f2: Atlas 133f16, 19: -(R. Kerneriana sps., v.)
 KERNERI, Pant.3pl.33f474; Det.S.p.1024: (R. hexagona, v. cornuta.) ---
 LANCEOLATA, Gro. & Sturt.-J.Q.C.1336p.324-13f6; Notul.1337p.349;
 Det.Syll.p.1023;
 LONGICORNIS, Brun & T.-p.54-1f1; Pant.3pl.33f473:
 Det.S.p.1021: (R. epsilon, v.)
 OBESA, Grev.Mss.; N.L.K.D.p.19; Cat.Quakett Club 1373; Det.S.p.1022;
 PHILLIPINARUM, Cl. & Gn.-Led.Vol.Ip.64-10f1, 2; Det.S.p.1023;
 PULCHRA, A.S., Atlas 133f20;
 RADIALA, Gro. & St.-J.Q.C.1336p.324-13f4, 5; Not.1337p.349;
 Det.Syll.p.1022;
 RECENS, Cl.-N.L.K.D.p.19-4f57; V.H.S.pl.105f9: Atlas 133f21-23;
 Det.S.p.1024;
 RUSSICA, Pant. ? (Synactonasis.) -
 SUPERBA, Grev.-T.M.S.1336p.125-1f11, 12; Det.S.p.1022;
 SZAKALENSIS, Pant.2p.74-24f355: Det.S.p.1023;
 TENUICORNIS, Grun.-V.H.S.pl.105f10: (R. epsilon, v.) -
 TOLKII, Castl.1337p.91-13f11; Not.1339p.393; Det.S.p.1023;
 VENTRICOSA, Grev.-M.J.1333p.228-9f2: Det.Syll.p.1022;
 Pant.Ip.44-9f73: 2, p.74;
 v. Rastellus, Bn.-Led.Vol.2No.22, p.245-20f4, 5;

RUTILARIOPSIS. - (?) -

RYLANDSIA. - (Grev, 1861)

- BIRADIALA, Grev.-T.M.S.1336p.68-3f1; W. & C.2p.2-5f13; Det.Syll.p.
 1420; Atlas pl.137f23-25; J.Q.C.1333p.399-24f5;

SALACIA. - (Pant, 1889)

- BORYANA, Pant.2p.33-23f341;
 (Castracania; -Rhabdonema ?; -Tetracyclis lancea.) -

SCALPRUM. - (Corda 1895)

- STRIATUM, Corda.-Almanach Carlsbad 1335p.193-5f70;
 (Pleurosigma hippocampus.) ---

SCAPULA. - (Edw.,) -

- A.M.Edwards's Mss.; -(Achnanthes angustata; -Gephyria meula.) --

SCAPULARIA. - (H. Grev.) -

A Subgenus of Synedra.

Vide K.B.p.33; K.S.A.p.40; Men.A.N.D.p.399.

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- AUSTRALIS, Grun.-V.H.S.pl.37fI; (Trachysphaeria a.v.)
 CADUCEUS, E. Abh. Ber. 1844. 264; Mik. 1.33-17fI5; A.S.S. 1345. 323-41
 II: Greg. D.C.p.59-6fI06; Prit. p.772-4fII; Grun. 1862p.354; Carr. p.
 79; Hedw. Vol. 6, 1853p. 146; R.E.D. 1.299; V. a.S. pl. 37f5; T. No. 279; Det.
 Syll. p. 646; Atlantic City; wolle, 27fI3; (Rhaphoneis.)--
 CLAVA, Witt.-De Toni, Syll. p. 647; (Synedra e.)---
 CLAVATA, Grev.-Grun. 1873p. : Det. S. p. 646; (Syn.)---
 CLAVUS, Witton.-J.Q.C. 1834p. 22-4f0a, b;
 COLUBER, Bn. & Tp. p. 55-1fI2; Det. S. p. 647;
 CUNEATA, Grun.-M.M.J. 1877p. 169-194f4, 5; Vera p. 507; Delaisie; Det. S. 647;
 DUBIA, Grun.-M.M.J. 1877p. 169-194f4a, b; Det. S. p. 647;
 GEMMATA, Grun.-Hedw. Vol. 5p. 146; J.Q.C. 1871p. 170-14f4, 5; Vera p. 433;
 M.T.P. I-3-5; V. a.S. pl. 37f3; T. No. 230; Atlantic City; Grun. 1834p. 53-
 2f7, 8; wolle, 27fI4; Det. S. p. 646; (Granowiella.)-
 COMPHONEMA, Jan. & R.-Grun. 1873p. : Det. S. p. 646; (Synedra.)
 INTERMEDIA, Cl. Vega p. 507-37f60; Det. S. p. 646
 KAMTSCHATICA, Grun.-V.H.S. pl. 37f6; Det. S. p. 643;
 MARINA, Lagr. 1876p. 2I; V. a.S. pl. 37f2;
 (Frag. mutabilis & Schwartzii; Meridion; Opephora.)----
 v. parva, V. H. S. pl. 37fI8, 19; (Frag. mutabilis, var.)
 v. perminuta, V. a.S. pl. 37f36;
 MUTABILIS, Grun.-Cl. & M. No. 255; (S. marina, var.)
 NITZSCHIOIDES, Grun.-V. a.S. pl. 37f4; wolle, 27fI2; Det. S. p. 643;
 SCHWARTZII, Grun.-Cl. & M. No. 256; (Opephora.)----

SCHIZONEA. --- (Ehrh. 1844)

- , Meneg. A.N.D. p. 454; -, Pfitzer p. 60;
 -, Hedw. Vol. 7, p. I:-- Fries, 1825 p. 249;
 ADRIATICUM, Ag. Cons. p. 2I; K.B. 1. II5, II6; V.S.A. p. 104; Prit. p. 929;
 R.E.D. p. 27I; (Berkeleya obtusa, "b".; -B. rutilans, v.)--
 AGARDHII, E. Abh. Ber. 1830p. 169; 1853p. 3II; Inf. p. 233-20fI6;
 Sm. Sp. T. 453; (Micrometa a. & bombycinum; -Homoeocladia.)---
 ALBICANS, Meneg. A.N.D. p. 445; R.E.D. p. 273; Sm. Sp. T. No. 454;
 V. a.S. pl. 15f20; Grun. Cl. lat. 1876p. 15f14; - (Micrometa a.)---
 AMALIAE, Arnott Mss.; (Berk. conferta.)
 AMERICANUM, Grun. in V. a.S. - wolle pl. 23fI3; (S. tenuis, v.)-
 AMPLIUS, V. a.S. pl. 15f3; Bot. Col. p. 1830p. 1509; Det. S. p. 235;
 (S. Balticum, var., & rutilans.) a. Sch. m. n. d. p. 357; - (Berk.)--
 ANTARCTICUM, Harvey Mss.; Det. Syll. p. 303; (Berk.)--
 APICULATUM, Ag. Syst. p. II; Men. A.N.D. p. 444; Harvey Man. p. 210; R.E.D. p.
 275; Sm. Sp. T. 455; -(Gloionema; -Microm.; -Monema; -Nav. Grevillei.)---
 v. flavidula, Charvin, Herbarium: - (S. ramosissimum, v.)--
 v. intermedia, Grun.-V. a.S. pl. 13f4; - (S. ramosissimum, v.)--
 v. ramosissima, V. a.S. pl. 13f4; - (S. & Microm. l.)
 ARANEOSUM, K.B. 1. II3-24f2; V.S.A. p. 102; Hedw. Vol. 7p. 3; Men. A.N.D.
 p. 447; Westendorp, G.: Sm. Sp. T. No. 455, 457; > K.B. p. 102;
 (Conferva; -S. floccosum; -Conferva, Seyronema & Schiz. comoides.)
 ARBORESCENS, Dickie. -K.S.A. p. 103; (S. mesogloeoides.)--

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ARBUSCULA, K.B.p.II4-27f11⁽¹³⁾; K.S.A.p.103; Meneg.A.N.D.p.443;

(Micromesoma & S.helmentosum; -Naunema; -S.Smithii.)-

AUREUM, K.B.p.II4-27f11⁽¹³⁾; Meneg.A.N.D.p.443; - (Micr.; -S.corymbosum, var. & Dillw., n.)-

BALTICUM, E.-Abh.Ber.1830p.157; Inf.1.233-20f15; Prit.1.923; R.E.D.p.

270; Carr.p.II5; -(Monema rut.; -Naunema; -S.rutilans & v. n. s.)---

v.amplius, K.-Rabh.E.D.p.279;

(Sch.a.)--

BERKELEYI, K.-Rab.E.D.p.279; Det.Syll.1.204;

(Linellia; -Micr.)

BLYTTII, Ag.-Meneg.A.N.D.p.447; R.E.D.p.273;

(Berk.; -Micr.)-

BOMBYCINUM, — Meneg.A.N.D.p.441; K.S.A.p.100; R.E.D.p.273;

(Micr.; -Micr. & S.Meneghiniana.)--

BRYOPSIS, K.B.p.II4-26f13⁽¹³⁾; K.S.A.p.103; Men.A.N.D.p.443; R.E.D.p.277;

V.I.S.pl.15f26; Bot.Cbl't.I330p.1509; Det.S.1.233;

(Micr.)

CAESPITULA, Suhr in Herbario Binder.; Heib.p.17; K.S.A.p.61;

(Cymosella encyonema; -Encyonema c. & prostratum.)- ^{1716 Herb. # 103}CAPITATUM, K.B.p.II4-27f14⁽¹³⁾; K.S.A.p.103; Men.A.N.D.p.443;

(Berk.; -Micr.; -S.obtusum, v.)-

CARINATUM, Schum.1869p.35-2f12; -(Figure lacking.)

CASPIUM, Grun.1873p.10-4f21⁽¹³⁾; J.M.1879p.630; Det.Syll.1.233;

Bot.Cbl't.I330p.1509; - (Chlamydomonas, var.)

(S.minutum, v.)-

CERCARIA, K.B.p.II5; Men.A.N.D.p.437; Meneg.1863p.143;

CHONDROIDES, K.-Men.A.N.D.p.444; R.E.D.p.230; Det.S.1.290;

Bot.Cbl't.I330p.1514;

(Micr.)-

CIRRHOsum, Meneg.Mss.;

(Berk.Ehrenbergii, v.)----

CLAVATUM, J.Ag.-Hohenacker Algues Marines No.251; R.E.D.p.231;

Heuw.Vol.7, p.4;

(Berk.conferta, v.)--

COMOIDES, Ag.Cons.p.19; Hooker's Brit.Fl.1.413; Harv.Man.p.213; Men.

A.N.D.p.447; S.B.D.2p.75-57f353; R.E.D.p.233; J.M.I.D.1.355; V.I.S.

pls.15f31; 15f3; Cl.I330p.43; wolle, 23f11, 12; B.Clt.188p.15/18; (Conferva; -

Bangia gangilium; -Micr.; -Monema; -Navic.; -S.gracilissimum & Dillw., n.)----

var. A. Cl. & M.No.305; ^{2nd ed. 1881}

CONERTUM, S.B.D.2p.75-57f359; Prit.1.929; Carr.p.II5; R.E.D.p.233;

Sm.Sp.1.No.453, 459; Perap.p.31;

(Berkeleya; -S.implicatum.)--

CORINALDII, Meneg.A.N.D.p.452; R.E.D.p.231;

(Micr.)

CORNICULATUM, Ag., Alg.Eur.taf.4; Men.A.N.D.p.443; Ag.Cons.p.24; Sm.

Sp.1.430; V.H.S.pl.15f15; Bot.Cbl't.I330p.1514; Det.S.1.290; -(Micr.)-

var. "b", penicillata, K.Bet.Cbl.I330p.1514; Det.S.p.291. (Micr. & n. s.)--

v.divaricata, Meneg.-Bot.Cbl't.I330p.1514;

Det.Syll.p.291; = "a"

(Micr.a.)----

CORYMBOSUM, Ag.Syst.p.II; Cons.1.21; R.E.D.p.273; Bornemann Danske

Oek.Plant.1837pl.3f2; Sm.Sp.1.431; Det.S.1.292; -(S.ramosissimum, v.)--

v.aurea, K.-Rabh.E.D.p.274;

(S.aureum.)---

v.Japonica, Grun.-Bot.Cblat.I330p.1515; Det.S.p.292;

CRINOIDEUM, Harvey Man.p.214; K.B.p.II5; R.E.D.p.1723;

Prit.p.923; Heuw.Vol.7, p.3; Carr.p.II5; R.E.D.p.331;

(Berk.rutilans, v.; -S.(Bangia & Monema) quadrifunctatum & tenellum.)--

v.sericeum, Suhr.-Rabh.E.D.p.233;

(Sch.s.)

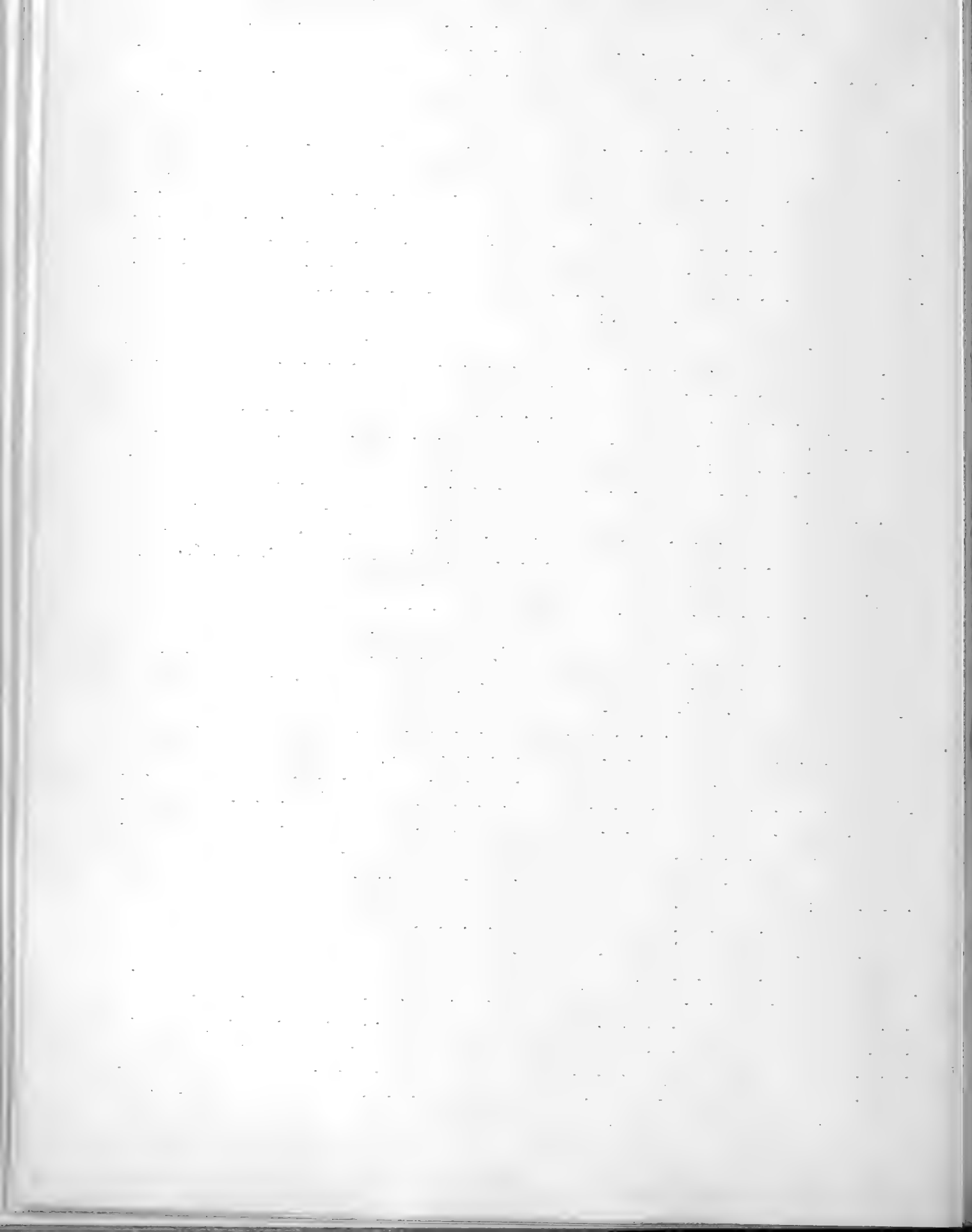
CRISPUM, Montagne Prodrom.Phyc.1841p.13; Syll.p.473; K.B.p.II5-20f11 (and

K.S.A.p.102; Men.A.N.D.p.443; R.E.D.p.231;

(Berk.; -Micr.)-

Grevillei. Bot. cult. 1880 p. 1518: Carp. 1891 f. 415.
Fortm. D. m. p. 15:

pumila Griseb. Bot. cult. 1880 p. 1518:



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- HARVEYANUM, Meneg., A.N.D.: Cl. 1330p.43; (S. apiculatum, v. r. h. 1.) --
- HAYNALDII, Schaarschm. Aequat. p.22; Hedw. 1332p.93; Det. Syll. 1.293;
- HELIOIDES, Zanardini in litt.; Men. A.N.D. p.427; (Homocladia, v. r. h. 1.) --
- HELMINTOSUM, Chauvin, & Duby Bot. Gallieum: Ag. Cons. 1.23; 1000p. 11. 1.
- Vol. 2, p. 412; Harv. Man. p. 210; K.B. p. III-27f7, 3; S.A. p. 100; Men. A.N.D. p. 430; S.B.D. 2p. 74-59f355; Hedw. Vol. 7, p. 4: R.E.D. 1.233, 137; O'M.I. D. p. 334; Sm. Sp. 1. No. 439: -(Microm. arbuscula & h.; -Nannema & S. arbusc.) v. fruticulosum, K. -Rabh. E.D. p. 263; (Sch. 1.)
- HOFFMANNII, Ag. Cons. p. 17; ~~K.B. p. III-27f7, 3~~; H.S. p. 100; 1000p. 11. 1. 10f207; Carr. p. 115; R.E.D. p. 270; (Bangia; -Monnema; -Nannema; -S. rutilans, var.) -
- HUMILE, K.B. p. III-27f7, 3; K.S.A. p. 99; Men. A.N.D. p. 447; R.E.D. 1.273; Bot. C'blat. 1330p. 1514; Det. S. 1.291; (Microm.) -
- HYALINUM, Meneg. A.N.D. p. 441; Desmazierres 2, No. 114; Westendorp No. 394; R.E.D. p. 274; Bot. C'blat. 1330p. 1514; V. A. S. pl. 15f13; Det. S. p. 237; (Micr. h. & tenellum.) -
- HYALOPUS, Meneg. A.N.D. p. 442; R.E.D. p. 231; Sm. Sp. 1. No. 470; Det. Syll. p. 239; Bot. C'blat. 1330p. 1514; (Micr.) --
- HYDRUROIDES, K.B. p. II4-26f7, 3; Men. A.N.D. p. 443; K.S.A. p. 103; R.E.D. p. 277; (Berkeleya h.) -
- ILLYRICUM, K.B. p. III-22f3; K.S.A. p. 99; R.E.D. p. 273; Berk.; -Micr.) --
- IMPLICATUM, Harvey, Man. p. 213; Wyatt Alg. Danmon. No. 236; Men. A.N.D. p. 440; K.S.A. p. 101; S.B.D. 2p. 73-59f337; Prit. p. 928; Carr. p. 115; Sm. Sp. 1. No. 471; Perag. p. 31; Wille, 23f7, 3; (Berk. (& Sch.) rutilans, var., & confertum; -Micr. imp. & intricatum.) ----
- INTRICATUM, Breb. - ? (Libellus.)
- INTRICATUM, Meneg. - Rab. E.D. p. 273; (Berk.; -Micr.) -
- INTERMEDIUM, Grun. - Bot. C'blat. 1330p. 1510; Det. Syll. p. 284; (S. myxacanthum, var.) -
- INVESTIENS, Montagne Ann. Sci. Nat. 1350p. 303; Syll. No. 1331, p. 473; Guyan. No. 37; R.E.D. p. 231; Det. S. p. 293; (Micr.)
- JADRENSE, Meneg. - Sm. Sp. 1. No. 472;
- JAPONICUM, Brun 1391p. 43-14f6; (Navic. rhombica, v.) -
- KUTZINGII, Meneg. A.N.D. p. 443; R.E.D. p. 230; V. A. S. pl. 15f17; Bot. C'blat. 1330p. 1514; Det. S. p. 291; (Micr.) -
- LACINIATUM, Meneg. A.N.D. p. 451; Harv. Man. p. 210; S.B.D. 2p. 79-59f370; Hall; R.E.D. p. 273; O'M.I. D. p. 335; V. A. S. pl. 15f25; Det. S. p. 235; Bot. C'blat. 1330p. 1510; (Micr.; -S. scoparium)
- LACUSTRE, Ag. Syst. p. 10; Cons. p. 17; R.E.D. p. 263; Atlas 71f1-3; (Collettonema; -Eucyonema Ungeri.) -- Grun. C'blat. 1330p. 1517; (Sch. 1.)
- LAPIDICOLA, Grun. - V. A. S. pl. 15f29; (S. Zanardini, v.) ---
- LENORMANDII, K.S.A. p. 99; Prit. p. 929; R.E.D. 1.273; 34 C'blat. 1330p. 1517; (Monnema.)
- LIEBMANNI, Grun. - V. A. S. pl. 15f32; Bot. C'blat. 1330p. 1516; Det. S. p. 293;
- LINEATUM, K. - Men. A.N.D. p. 441; R.E.D. p. 275; (Berk.; -Micr.) -
- LUBRICUM, Men. - K.B. p. II2, 115; Sm. Sp. 1. No. 473; (Homoeocladia; -Sch. (& Berk.) rutilans, v.) ---
- LUTESCENS, K.B. p. II2; K.S.A. p. 100; Westendorp, No. 135; Prit. p. 929; R.E.D. p. 271; (Berk. rutilans, v.; -Majuscula oscillans.) -

+ neglectum, Thos., A. M. N. H. 1848 p. 11-12 f. 1-4.

> nidulans, Cl. - (Staviscula) -

((((((((

- LUTEUM, K.S.A.p.102; Prit.p.929; R.E.D.p.271; (Berk.rutilans,v.)-
 MEDUSINUM, K.-Men.A.N.D.p.444; R.E.D.p.280; Del.Syll.p.239;
 Bot.C'blat.1830p.1513; (Microm.)
 v.comosa, Grun.-V.H.S.pl.15f14; Bot.Cbl.1830p.1513; Del.S.p.239;
 v.Jadrensis, Men.-Bot.C'blat.1830p.1513; Del.S.p.239;
 MENECHINIANA, Ralfs.-R.E.D.p.277; (Micr.; -S.bombeynum.)---
 MESOGLOEOIDES, K.S.A.p.103; R.E.D.p.277; Sm.Sp.7.474; V.H.S.pl.15f27;
 Bot.C'blat.1830p.1513; Del.S.p.285; (Dickiera; -Micr.; -S.arborescens.)-
 MICANS, Ag.Syst.p311; Cons.p.16; (Berk.18; -
 Berkeleya; -Frustulia costata; -Nannema Balticum; -Raphidoploea.)-
 MINUTUM, K.B.p.III-23f5; K.S.A.p.98; Men.A.N.D.p.447; R.E.D.p.273;
 V.H.S.pl.15f41; Perag.p.31; Botan.C'blatt.1830p.1509; Del.Syll.p.
 233; (Micr.; -S.caspium.)-
 MOLLE, S.B.D.2p.77-53f365; R.E.D.p.269; V.H.S.pl.15f22-24;
 Bot.C'blat.1830p.1510; Del.S.p.234; (Micr.)-
 MUCOSUM, K.B.p.II5-26f9; K.S.A.p.104; Men.A.N.D.p.451; S.B.D.2p.75-
 57f360; Front.; R.E.D.p.236; O'M.I.D.p.333; Sm.Sp.7.No.475; V.H.S.
 pl.15f19; Bot.C'blat.1830p.1510; Perag.p.31; Villef.p.53; Del.Syll.
 p.235; (Micromega & S.tenue.)---
 MYXACANTHUM, Meneg.A.N.D.p.443; R.E.D.p.273; Bot.C'blat.1830p.
 1510; V.H.S.pl.15f1; Del.S.p.234; (Micr.)-
 v.intermedia, Grun.-V.H.S.pl.15f2; (Schiz.int.)--
 NEBULOSUM, Meneg.-K.B.p.II5; K.S.A.p.99; V.H.S.pl.15f11; Botan.
 C'blat.1830p.1509; Del.S.p.233; (Micr.; -S.sordidum,var.)-
 NEGLECTUM, Thw.-Rab.E.D.p.265; Hedw.Vol.7,p.6; Schum.1867p.30;
 V.H.S.pl.15f37; Perag.p.31; Malaisie: Cblat 1880p.1516;
 (Colletonema; -Navicula; -Nav.gracilis,v.schizonemoides.)---
 OBTUSUM, Grev.-Scottish Fl.Vol.6,pl.302; Brit.Fl.Vol.2p.413; Harv.
 Man.p.219; Men.A.N.D.p.452; K.S.A.p.102; S.B.D.2p.73-53f363; Hedw.
 N.H.F.2f18; R.E.D.p.272; O'M.I.D.p.333-29f30; (Berk.18; -S.1880p.1516)
 (Berkeleya; -Micromega; -Monema; -S.capitatum;)
 v.fasciculata, K.-R.E.D.p.272; -(Sch. & Berk.capitatum; -Micr.cap.)---
 v.trichocephala, K.-R.E.D.p.272; (Micr. & Sch.trich.)-
 PALLIDUM, Ag.-Men.A.N.D.p.445; R.E.D.p.279; V.H.S.pl.15f16;
 Bot.C'blat.1830p.1514; Del.S.p.291; (Micr.)-
 PAPILLOSUM, Meneg.A.N.D.p.452; Hedw.Vol.7,p.4; R.E.D.p.230; (Micr.)
 PARASITICUM, Griffith in Harv.Man.p.213; Men.A.N.D.p.440; Wyatt
 Alg.Danmon.No.201; S.B.D.2p.79-59f371; Grun.1833p.22; R.E.D.p.
 273; O'M.I.D.p.335; Sm.Sp.7.No.476; Perag.p.31; (Berk.; -Micr.gracillimum & p.)---
 v.gracillima, Sm.-R.E.D.p.273; (Microm. & S.grac.)--
 PARVULUM, K.B.p.II2; (Berk. & S.rutilans,v.)--
 PARVUM, Men.-K.S.A.p.100; R.E.D.p.277; Danf.p.31-2f17; V.H.S.pl.
 15f30; Bot.C'blat.1830p.1509; Del.S.p.293; (Micr.)
 PATENS, Meneg.A.N.D.p.441; R.E.D.p.230; Cblat 1880p.1515; -(Berk. & Micr.)
 PENICILLATUM, Chauvin.1863; (Micr.; -S.ramosissimum,var.)--
 PLUMOSUM, K.B.p.II3-26f1; Men.A.N.D.p.443; K.S.A.p.102;
 R.E.D.p.277; (Berk.; -Micr.)-

+ pusillum, v. β, dilatatum, Ag. Cons. p. 16:

> Urtica (Linn.), v. β, - Cons. p. 16: - (Linn. mon. v. 1, p. 11.)

- POLYCLADOS, K.-R.E.D.p.279; Cl. & M.No.203; Sm.Sp.T.No.477;
 Dannf.p.50; (Micr.; -S. ramosiss., var.)
- PROSTRATUM, Grev.-British Flora Vol.2p.414; (Encyonema; -Naunema.)----
- PUMILUM, Ag.Cons.p.16; Regensburg Flora, 1324;
 (Berk.; -Homoeocladia; -Naunema balticum.)----
- QUADRIPUNCTATUM, Ag.Cons.p.21; <Syst.p.10; Harv.Man.1.214; (Balgia; -
 Berk.; -Monnema; -S. crinoideum, Dillwynii, Grevillei, tenellum.)--
- RADIANS, Ag.Cons.p.16; Bot. Z. 1827; (Raphidoglossa interrupta.)-
- RAMOSISSIMUM, Ag.Syst.p.II; Harv.Man.1.210; Men.A.N.2.1.442; S.B.C.
 2p.79-59f369; R.E.D.p.272; O'M.I.D.p.334; Cl. & M.No.306; Sm.Sp.T.
 No.478; Bot.C'blat.1330p.1510; V. i. S.p.110-15f4; 5.1.No.133; Wollf,
 28f1,2; Perag.p.61; Villef.p.53; Det.S.p.286;
 (Microm.; -S. apiculatum, var., & Smithii: *Calcestrum ramosissimum*)
- var. apiculata, K. (Grun.)-Bot.C'blat.1330p.1511;
 Det.Syll.p.233; ~~var. "e."~~ (Micr. & S. apic.)---
- var. aureum, K. (Grun.)-Bot.C'blat.1330p.1511; Det.S.p.233; = var. "s" (Micr.)
- var. corymbosa, K.-R.E.D.p.273; Bot.Cb.1330p.1511; Det.S.1.236; -(Micr.) "y"
- var. flavidula, Chauvin.-Grun. in Bot.C'blat.1330p.1511;
 Det.S.p.236; = var. "η". (S. apiculatum, v.)---
- var. penicillata, Chauvin.-R.E.D.p.273; (Micr.)
- var. polyclados, Grun.-V.H.S.pl.15f5; (Micr. & S. pol.)
- var. setacea, K.-Rabh.E.D.p.273; V.H.S.p.III; (Schiz.s.)
- var. spinescens, Men.-Grun., Bot.C'blat.1330p.1511;
 Det.Syll.p.236; = var. "δ". (Schiz.s., p.p.)
- var. v. splendens, Grun.-V.H.S.pl.15f6; Det.Syll.p.236; = var. "β".
 Bot.C'blat.1330p.1511; (Sch.s.)
- var. subsetacea, Grun.-V.H.S.pl.15f9; Det.Syll.p.237;
 Bot.C'blat.1330p.1511; = var. "θ". (Micr.s.)
- REPTABUNDUM, Grun.1330p.22-1f26; Grevillea Vol.I, p.73-5f1a-c;
 Cl.1330p.43; Det.S.p.203; (Libellus Grevillei.)----
- RUORUM, Meneg.A.N.D.p.427; (Homoeocladia.)---
- RUTILANS, Ag.Syst.p.9; Cons.p.13; K.B.p.II2-23f6; K.S.A.p.100; R.Alg.
 Eur.No.1433; Westendorp.No.395; Areschoug Alg.Scand.p.193; Suringar
 Obs.Phye.p.63; Prit.p.923; Hedw.Vol.7, p.3; R.E.D.p.269; -(Conferva; -
 Monnema; -Naunema Dillw. & Hoffm.; -S. ampliatum & ectocarpoides: *Paraglossa*)
- var. "α" amplius, K.S.A.p.101; (Sch.a.)--
- var. "β" parvula, K.S.A.p.100; R.E.D.p.270; K.B.p.II2; (Sch.p.)--
- var. "γ" lubrica, K.S.A.p.100; R.E.D.p.270; (S. lub.)--
- var. "δ" Hoffmannii, K.B.p.II2-23f10; K.S.A.p.100;
 (Berk.r.var.; -Sch.Hoff.)----
- var. "ε" viridis, K.B.p.II2-23f6; K.S.A.p.101;
 (Berk.rut., var.; -Sch.Balticum.)--
- var. implicata, Harvey.-Rabh.E.D.p.270; (Sch.imp.)
- SCOPARIUM, K.B.p.II4-27f7; K.S.A.p.104; Neupauer pl.2f35; V. i. S.pl.
 15f7; Det.S.p.237; Bot.C'blat.1330p.1512; (Micr. & S. laciniatum.)
- SCOTICUM, Grun.-V. i. S.pl.13f9; (S. apiculatum, v.)---
- SECTIO-COMOIDES, Grun.-Bot.C'blat.1330p. : (Nav.Grevillei.)--

Selacium, Dammf. p. 50
" polycladus, Dammf. p. 50:

Selagin, K. S. p. 99:

Sirosporum, K. Grun. Blatt. 1880 p. 15/4:

Smithia, Ficht. p. 15, Dammf. p. 21:

+ Stewartia, Bot. Cbl. 1880 p. 158:

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SERICEUM, Suhr.-Rabh. Handbuch 2, pl. 35: R. Alg. Eur. No. 735; Hedw. Vol. 7, p. 3; Brent, Flora Germ. No. 210:

(Berk. rutilans, v.; -Sch. erinoides, var., & tenellum.) ---

SERTULARIUM, Meneg. in litt., 1846; (Berk. rutilans, v.; -S. sordidum.) -

SETACEUM, K. -Men. A.N.D. p. 443; Sm. Sp. 1. No. 479; V. u. S. pl. 15f 13; Bot.

C'blat. 1880p. 1512; Det. S. p. 233: -(Mier.; -Navicula; -S. ramosissimum.) ---

v. corymbosum, Grun. -Bot. C'blat. 180p. 1513; Det. S. p. 233: (Sch. c.) --

v. penicillatum, Grun. -Bot. C'blat. 180p. 1513; Det. S. p. 233: (Sch. pen.)

v. pallens, Grun. -Bot. C'blat. 180p. 1513; Det. S. p. 233: (Sch. pal.)

v. polyclados, Grun. -Dannf. p. 50; Bot. C'blat. 180p. 1513; Det. Syll. p. 238: -(Nav. setacea, v.; -Mier. albicans & l.; -Schiz. albicans.) --

v. ramosissimum, Grun. -Bot. C'blat. 180p. 1513; Det. S. p. 233: (Sch. ram.)

v. tenella, Grun. -Bot. C'bl. 180p. 1513; Det. S. p. 233: (Sch. ten.)

v. virescens, Grun. -Bot. C'bl. 1880p. 1513; Det. S. p. 233: (Sch. vir.)

SIMPLEX, Men. -Prit. p. 929; R. E. D. p. 276; -(Monnema inconspicua; -Nannema.)

SIROSPERMUM, K. -Men. A.N.D. p. 499; R. E. D. p. 279; V. u. S. pl. 15f 13; -(Mierom.)

SMITHII, Ag. Syst. p. 10; Cons. p. 13; Grev., Scottish Crypt. Fl. p. 33, pl. 298; British Fl. Vol. 2, p. 413; Harv. Man. p. 211; Wyatt Alg. Danmon. No. 161; Men. A.N.D. p. 449; K. B. p. 114-27f 5; K. S. A. p. 103; S. E. D. 2p. 73-57f

362; Hull; Lewis, X 86/88 p. 71; O'M. I. D. p. 333-29f 13; Sm. Sp. 1. No. 480; Dannf. p. 31-2f 16; Bot. Cent. 1880p. 1516; V. u. S. p. 110-15f 33; T. No. 154; Wolle, 26f 3, 4; Malaisie; Det. Syll. p. 293: *Cent. 1880p. 1517: (Mier. arbuscula.)* ---

(Mier. s. & splendens; -S. ramosiss., var., & arbuscula; -Ulva foetida.) ---

var. "b" torquatum, Har. Man. p. 211: -(Mier. & S. tor.; -Giroudella comoides.)

SOLIEROLII, Meneg. -Det. Syll. p. 304: (Berk. Ehrenbergii, v.) ---

SORDIDUM, K. B. p. 113-24f 11; K. S. A. p. 102; Desmaz. 2, No. 509; Prit. p. 929; R. E. D. p. 274; K. 1836: (Berk. rutilans, v.; -Monnema; -S. sertularinum.)

v. nebulosa, Meneg. -R. E. D. p. 274: (Sch. neb.)

v. tenuis, K. -Rabh. E. D. p. 274: (Sch. ter.)

SPADICEUM, Grev. -Brit. Fl. Vol. 2, p. 412; K. B. p. 115; K. S. A. p. 104; Harv. Man. p. 212; Carr. p. 115; R. E. D. p. 271; Prit. p. 929; (Berk. rutilans, v.) --

-SPINESCENS, Men. -R. E. D. p. 279; Sm. Sp. 1. 451; K. B. p. 115-24f 11; K. S. A. p. 104; Harv. Man. p. 212; Carr. p. 115; R. E. D. p. 271; Prit. p. 929; (Mier.)

SPLENDENS, Menegh. - (S. ramosissimum, var.) ---

STALIANUM, Meneg. A.N.D. p. 452; R. E. D. p. 273: (Berk.; -Mier.) -

STEWARTII, Dickie. -Cl. 1880p. 40; Det. S. p. 203; -(Libellus; -S. Grevillei.) -

STRIOLATUM, K. B. p. 114-26f 2; K. S. A. p. 102; Westendorp, No. 396; Prit. p. 929; R. E. D. p. 275: (Berk. rutilans, var.)

var. "b" clavigera, Bred. -Westendorp, No. 396 sub; K. S. A. p. 102; Prit. p. 929; R. E. D. p. 275: (Berk. rutilans, var.)

SUBCOHAERENS, Thw. -Schum. 4. 1. p. 30; R. E. D. p. 265; Perag. p. 31: (Colletonema; -Navicula; -Pinnularia.) --- *Am. M. 1848p. 10-12f G, 1-7;*

SUBFLEXILE, Greg. -Rabh. E. D. p. 266: (Colletonema.)

TENELLUM, Meneg. A.N.D. p. 442; (Mier.)

TENELLUM, K. B. p. 111-25f 3; K. S. A. p. 99; Bot. C'blat. 1880p. 1512; Det. S. p. 237: (Bangia & Sch. quadripunctatum; -Mier.; -Sch. sericeum.) ---

v. Rudolphiana, Grun. in Bot. Cent. 1880p. 1512; Det. Syll. p. 237: (S. floccosum, Rudol.)

var. "b", K. S. A. p. 99: *var. sericea,* (S. sericeum, Suhr.) --

+ vulgare, Thw., A.M.N.H. 1848 p. 10-12 f "H" 1;

" var. "a" rioulatum, Thw. - A.M.N.H. 1848 p. 10-12 f "H" 2-4;

" " "b" lacustre, " " " p. 11-12 f "H" 5: (anonyma l.)

" " "γ" Effusum, " " " p. 11:

VVVVVVVVVVVV

- TENU, Ag.Cons.p.I7; Bot.Cent.I33Op.I5I3; V.I.S.pl.I5f34;
(Micromesoma & Sch.micosum.)--Bot.7.1847; Jones Alg. E. No. 2;
v.Americana, Grun.-Bot.Cent.'30p.I5I6; Det.S.p.292:-(Schiz.Am.)---
TENU, K.B.p.II2-23f2; K.S.A.p.I00; Prit.p.929;
(Berkeleya; -Monnema; -S.crinoides; -S.sordidum, v.)
TENUISSIMUM, K.B.p.III-23f3; K.S.A.p.99; Prit.p.929;
R.E.D.p.276; Sm.Sp.T.No.432; (Berk.; -Monnema.)
THWAITESII, Grun.-V.H.S.pl.I5f33, 39; Perag.p.6I;
Villefranche p.53; *Cblat. 1880p.15/6*; (Monnema.)
TITIANUM, Grun.-Bot.C'blat.I33Op.I5I5; Det.S.p.29I;
TORQUATUM, Meneg.A.N.D.p.445; S.B.D.p.73-57f33I; R.E.D.p.269; Sm.
Sp.T.No.433; Bot.C'blat.I33Op.I5I4; V.A.S.pl.I5t2I; Det.S.p.239;
(Micr.setaceum, var., & t.; -S.Smithii.)--Nav. mollus.
TRICHOCEPHALUM, K.B.p.II4-27f3; K.S.A.p.I03; Meneg.A.N.D.p.449;
(Berk.; -Microm.; -S.obtusum, v.)
VIRESCENS, Harv.Man.p.2I2; K.B.p.II5; K.S.A.p.I04; Prit.p.923;
Carr.p.II5; R.E.D.p.276; (Berk.rutilans, v.)--
VIRIDE, K.B.p.II2-23f6(3);
(S.Balticum & ectocarpoides; -S.rutilans, var."e".)
VIRIDULUM, ~~Berk.~~ R.E.D.p.236; V.A.S.pl.I7f3; Lake Michigan;
Colletonema; -VanHeurekia; -Nav.lanceolata, W.S.)--- *Cblat. 1880p.15/7*;
VULGARE, Thw.-Schum.H.T.p.30; R.E.D.p.235; Lake Michigan; V.I.S.
pl.I7f3; Wille, 22f20; *Cblat. 1880p.15/8*; Colletonema; -VanHeurekia; -Navicula.)-
WYATTII, Harvey Man.p.2II; K.B.p.II5; Meneg.A.N.D.p.452; R.E.D.p.230;
Bot.Cent.I33Op.I5I2; Det.S.p.233; (Schiz. alb.)- (Micr.ramosissimum & w.)
ZANARDINII, Meneg.A.N.D.p.453; R.E.D.p.23I; Sm.Sp.T.434; V.I.S.pl.
I5f33; Phyc.Ital.No.50; Bot.Cent.I33Op.I509; (Micr.)-
v.lapidicola, Grun.-Bot.Cent.I33Op.I509; Det.S.p.232; (Sch.lap.)
var.Lloydii, Grun.-Bot.Cent.'30p.I509; Det.S.p.232;
v.Tommassini, Grun.-Bot.C'blat.I33Op.I509; Det.S.p.232;

SCHIZOSTAURON. - (Grün., 1867.)

- ANDICOLUM, Cl.I39Ip.I2-I3f3; Nav.p.I5I; Det.Syll.p.225; (Stauroneis.)
CRUCICULA, Grun.-N.L.K.D.p.I3-3f44; Amazon; Det.Syll.p.225;
Cl.Nav.p.I50; (Stauroneis.)--
FIMBRIATUM, Grun.-Heaw.I337p.23; Det.S.p.225; (Achnanthes Danica.)-
LINDIGIANUM, Grun.-Heaw.I337p.23; T.R.M.S.I377p.I3I-I95fI7; Det.
Syll.p.224; Cl.Nav.p.I5I; (Stauroneis.)---
OVATUM, Grun.-Heaw.I337p.23; Det.S.p.225; Cl.Nav.p.I5I; -(Stauroneis.)-
TATRICUM, Gutwinski.-Detoni, Syll.p.225; Notar.I39Op.223; -(Stauroneis.)
REICMARCTII, Grun.-Heaw.I337 Vol.6, p.23; T.R.M.S.I377p.I3I-I95fI3;
Det.Syll.p.225; Cl.Nav.p.I5I; (Stauroneis.)--
VERBANUM, DeNotaris; -Det.Syll.p.225; (Stauroneis.)

SCHUETTIA. - (Detoni, 1893.)

- ANNULATA, Wallich.-Detoni, Syll.p.I396;
(Actinoptychus & Triceratium a. & var.; -Tric.Sinense.)

 AMBLYOCERAS, Ehr.-Det.Syll.p.I396:

(Actinopt.; -Tricerat.a. & Marylandicum.)----

NEOGRADENSIS, Pant.-Det.Syll.p.I396:

(Actinoptychus.)

TRIGONA, A.S.-Det.Syll.p.I396:

(Triceratium.)-

TRILINGULATA, Brtw.-Det.Syll.p.I396:

(Tric.)---

SCOLIOPLEURA.~

-, Tanarek I379p.36;

ADRIATICA, Grun.I330p.534-3f24; R.E.D.p.229; Det.S.p.265:-(N.tumida,v)

ALTERNATA, Schum.-Det.Syll.p.266:

(Navicula.)

ANTILLARUM, Pelletan, Diat.p.233, f23I; Wollé pl.3IfI2;

Det.S.p.265:

(Alloioneis.)

CAMPYLOGRAMMA, E.-Rab.E.D.p.230; Det.S.p.265:

(Navic.)

CASTRACANEI, Pant.2p.55-23f344; Det.S.p.267:

(Alloioneis.)

COCCONEIFORMIS, Det.Syll.p.265:

CONIORTA, Kitton.-Det.Syll.p.267:-(---Error.---)

CONVEXA, Grun.I330p.555: R.E.D.p.229; Eiben, I37I; M.T.P.3-4-I:

Cl.I373p.I3; I373p.46;

(Nav.; -S.latestriata.)---

CURVINERVIA, Grun.-Pellet.Diat.p.29I, f233: Det.S.p.265:-(Alloioneis.)---

DISPAR, Schum.-R.E.D.p.230; Det.S.p.265:

(Navic.)--

DISSIMILIS, Rabh.E.D.p.230; Det.S.p.267:

(Nav.)--

ELEGANS, Cleve, Navic.p.I05-If9:

FALLAX, .-Det.Syll.p.266:

(Nav.scoliopleura.)-

GRUNDLERI, Grun.-Pellet.Diat.p.29I, f235; Det.S.p.266:-(Alloioneis.)--

GRUNOWII, Pant.2, p.55; Det.Syll.p.267:

JAPONICA, Castr.-Det.S.p.267:

(Alloioneis.)--

JENNERI, Grun.I330p.554: Heib.p.9I: R.E.D.p.229, f54(2);

Wollé, 3IfI3, I7; *Dunf. p.32*:

(Nav.J.: -Nav. & S.tumida.)

KURZII, Grun.-Pellet.Diat.p.209, f233; Det.S.p.265: (Alloioneis.)

LATESTRIATA, Breb.-Grun.I378p.I7: V.H.S.p.III-I7fI2; T.No.202; Trian

I335p.47-2f45; Wollé, 3If3; Pellet.Diat.p.237, f229: Stross Kl.p.II-

IfI4; Det.S.p.260;

(Amphiprora; -Nav.convexa; -Scoliotropis.)

" v.amphora, Cleve.-LeD.Vol.I, p.73-I2fI3;

(Scoliotropis.)

ORNATA, Sur.Jap.p.I4-2f22; Heaw.Vol.7p.53; Det.S.p.265: (Saxifella.)

PEISONIS, Grun.I330p.554-3f25; R.E.D.p.229, f54(I); Det.Syll.p.264:

Cl.Nav.p.I05-IfI4;

SCHNEIDERI, Grun.-Cleve Nav.p.I05:

(Navicula S.)--

TORTUOSA, Rabh.E.D.p.230; Det.S.p.267:

(Nav.)--

TUMIDA, Breb.-R.E.D.p.229; Eul.Sp.1.No.33; Eiben, I37I; Lagr.I373p.43;

M.T.P.3-4-2; V.H.S.p.II2-I7fII, I3; T.No.20I; Grun.I334p.45; Cl.Vega

p.475: Pellet.Diat.p.237, f232; Trian I335p.47-2fI3; Wollé, 3If9, I0;

Pant.3pl.I7f245; Det.Syll.p.265:

(Navicula; -Nav. & S.Jenneri; -Tropidoneis.)--

STAUNTONI, Det.Syll.p.267:

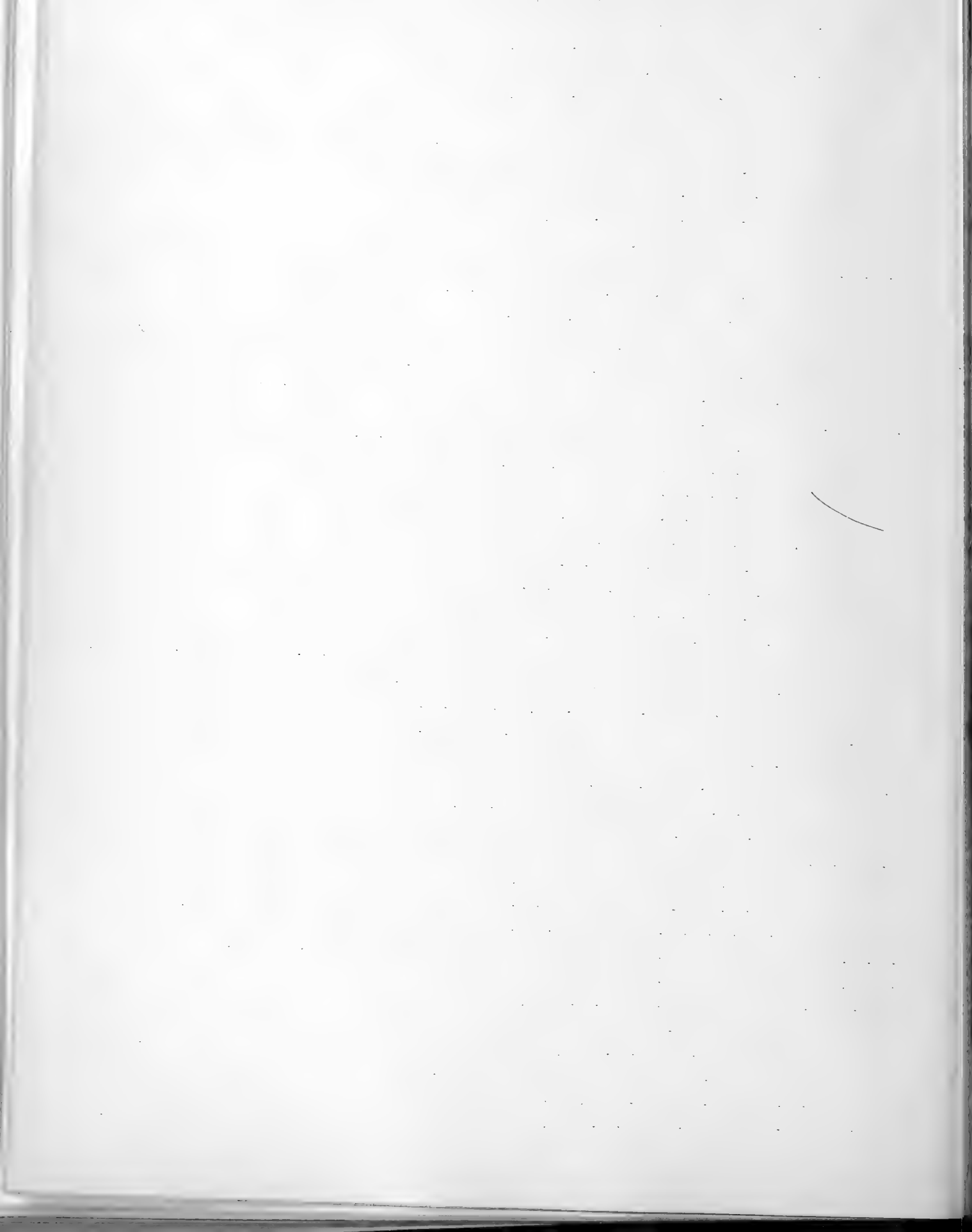
(Alloioneis.)

SZAKALENSIS, Pant.2, p.55-3fI54; Det.S.p.267:

WESTII, W.S.-Grun.I330p.555: R.E.D.p.229; Eiben, I37I;

Lagr.I373p.46; Det.Syll.p.264:

(Navicula w.)--



GILLIESII, Cl. & Comber. - Cl. Navic. p. 72 - If I 6:

LATESTRIATA, Breb. - Cl. Nav. p. 72:

(Amphiprora; -Scolioptleura.) ---

* v. amphora, Cl. Nav. p. 72:

(Scolioptleura l., v. amph.)

SCYTONEMA. - (Ag. 1892)

COMOIDES, Ag. Syst. p. II:

(Denticula thermalis; -Schiz. araneosum & c.

SIGMATELLA. - (Kz. 1837; Kz. Syn. 1842)

ACUTA, Kützing in litt., 1831;

(Frustulia acuminata.) ---

ATTENUATA, Breb. Cons. p. 16:

(Frust.; -Navicula; -Planosigma.) ---

BREBISSONI, K.S.A. p. 13; R.S.D. p. 56-4f2:

(Nitzschia; -Nitz. & Synedra Armoricana; +Syn. nitzschii.)

ITALICA, Rabh. S.D. p. 56-4f12:

NITZSCHII, ^{alt. Germ. #2} K.S.A. p. 13; R.S.D. p. 56-4f1; Marissal p. II - If I 4;

Kz. Alg. No. 2; Wärtmann & Schenck No. 129; Weisse 1860 p. 359-If 49;

2f20; Lagr. 1864 p. 32; Hoffmann, Marburg: *Breb. Alg. Fol.* (Bacillaria,

Cymbella, Nitzschia, Synedra sigmoidea; -Frust.: -Nitz. elongata: *Schreb. pp.*)

SCALPRUM, Breb. Cons. p. 16:

(Cymbella s.)

SUBRECTA, Breb. Cons. p. 22;

(Amphipleura & Nitz. rigida.) --

TERGESTINA, Rabh. S.D. p. 56-4f11;

(Nitzschia.) --

VERMICULARIS, K.S.A. p. 13; R.S.D. p. 56-4f3; Marissal p. II:

Hoffmann, Marburg:

(Frustulia; -Nitzschia; -Synedra.) ---

* v. *P. laevissima*, K., *Sea. p.* 18:

SKELETONEMA. - (Grev. 1857)

BARBADENSE, Grev. - T.M.S. 1865 p. 43-5f1; Atlas 180f31, 32; Det. S. p. II 57;

* v. arpus, Brun. - LeD. Vol. 2 No. 22, p. 243-19f9, 10:

COSTATUM, Grev. - Cl. Java p. 7; 1873 p. 13; V.H.S. pl. 9 If 4, 6;

Atlas 180f45; Det. Syll. p. II 57: *Cl. 1897* (Melosira.) ----

GELIDUM, Cl. - Det. Syll. p. II 53:

(Mel.) --

HUNGARICUM, Grun. - Pant. Ip. 44-26f249; Not. 1863 p. 542; Det. S. p. II 57;

MEDITERRANEUM, Grun., V.H.S. - Det. S. p. II 57:

(Melosira)

* v. punctifera, Bn. 189 Ip. 44-II f2a-c; Det. S. p. II 53:

(Mel. l.) --

MIRABILE, Grun. - Cl. & M. No. 313; V. H.S. 33(3), f5; Det. S. p. II 53;

PENICILLUM, Grun. - V.H.S. pl. 83(3), f6; Det. S. p. II 53;

SIMBIRSKIANUM, A.S., Atlas 180f33; Det. Syll. p. II 53;

STYLIFERUM, Brun 189 Ip. 44-2 If 7; Atlas 180f46; Det. S. p. II 57;

(Zygoceros antiquus.) ---

UTRICULOSUM, Brun 189 Ip. 44-II f1a-c; Atlas 180f27-30: (Strangalonema.)

SOLIUM. - (Hedw. 1857)

EXCULPTUM, Heideberg p. 52-4f10; London Clay; R.E.D. p. 319; J.R.C.

1870 p. 102-3f10-15; M.L. p. 4-5-1; Grun. 1834 p. 47-2f61; Atlas pl.

152f24, 25; Det. S. p. 360:

* v. pentagonalis, Kitton. - W. & C. Ip. 5-If 10:

JEREMIAE, Witt. - Det. Syll. p. 360:

(Trinacria.) ---

SPATANGIDIUM. - (Breb. 1857)

ARACHNE, Breb. Guano p. 296-3f1; Fortm. Cey. p. 71:

(Asterolampra; -

Asteromphalus a., malleus & malleiformis; -Excentron caneroides.)

FLABELLATUM, Breb. Guano p. 297-3f3;

(Asteromph.)

Sphenophora.

subg. Gymnophora in: Kc. Syn. p. 39:

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- HEPTACTIS, Bred., Guano p. 296-3f2; (Asteromphalis Beaumontii & h)
 PELTATUM, Bred. Gu. p. 296-3f4; (Asterom. flagellatum.) ---
 RALESIANUM, Norman. - Q. J. M. S. 18591. 131-7f7, 3;
 (Asteromphalis Beaumontii & heptactis.)

SPETIATOCOTIA. - (Mon. 17)

- ATLIQUA, Fortm. - Annal. Bot. Brit. 1892p. 49-4f8; Det. Syll. p. 1426;
 Cl. 1897p. 25

SPHAEROPHORA. ---

- GLOBULIFERA, Hassall Alp. p. 396-93f1; (Melosira salina.) -

SPHAEROTERMIA. ---

- HOROLOGIUM, E. - Abh. Ber. 1852p. 535; Mik. 18. 35, pl. 33-2f17;
 (Gaillonella & Melosira.) ----

SPHENELLA. - (Mon. 14+)

- , M^sneg. A. N. D. p. 411; -, Pfitzer p. 33;
 -, A. S. Atlas 72f3, 9; H. Z. Symp. 28. Spha. f. sphenella.
 ANGUSTATA, K. B. p. 83-8f6; K. S. A. p. 62; R. S. D. p. 53-3f6; Prit. p.
 886-14f30; Schum. H. T. p. 63; Hoffmann, Marburg;
 (Gomphonema a. & intricatum.)
 APPENDICULATA, Perty., Kl. Leb. p. 202-17f14; -(Gomph. cristatum & nasutum)
 ELONGATA, K. - Rabh. S. D. p. 53;
 GLACIALIS, K. B. p. 83-3f16; K. S. A. p. 62; R. S. D. p. 53-3f5; Brugger p.
 236; Prit. p. 886; Schum. H. T. p. 63; (Gomph. g. & vulgare)
 ITALICA, K. S. A. p. 63; R. S. D. p. 53-3f8; Prit. p. 886; (Gomph. I.)
 LENORMANDII, K. B. p. 84-30f61; (Gomph. I.)
 NAVICULOIDES, Hantzsch-R. Alp. Eur. No. 1322: -(Gomph. angustatum & commune)
 OBTUSATA, K. B. p. 83-9f1; K. S. A. p. 62; R. S. D. p. 57-3f1; Spamer, Duren;
 Prit. p. 886-14f31; Schum. 1864p. 19-2f14; Prollius p. 51;
 (Gomph.; -Gomph. & S. vulgaris.)
 PARVULA, K. B. p. 83-30f63; K. S. A. p. 62; R. S. D. p. 53-3f7; Spamer, Duren;
 Prit. p. 886; Gallik, Papan; Hoffmann, Marburg;
 (Gomphonella; -Gomph. minutissimum & p.) -
 ROSTELLATA, K. B. p. 83-9f3; K. S. A. p. 62; R. S. D. p. 53-3f2; Prit. p. 886;
 Schum. 1864p. 19-2f13; R. E. D. p. 282; Hoffmann, Marburg; Spamer, Duren;
 (Gomph. cygnus, parvulum & r.) 9f2:
 ' var. 'b', elongata, K. B. p. 83; Prit. p. 886; K. S. A. p. 62;
 VULGARIS, K. B. p. 83-7f12; K. S. A. p. 62; R. S. D. p. 53-3f4; Marissal p. 20;
 Prit. p. 886; M. D. pl. 14f19; Weisse 1860p. 359-1f50; Borscow 1860-1862;
 Schum. 1864p. 19-2f15; H. T. 1. 66; Prollius p. 61; Hoffmann, Marb.; Spamer,
 Duren; Gallik, Papan; (Gomph.; -S. obtusata; -Styllaria palud.)

SPHENOSIRA. - (Mon. 14+)

- CATENA, E. - Amer. p. 98, pl. 3-1f27; 3-4f12; K. B. p. 83-29f47; K. S. A. p. 63;
 R. S. D. p. 61-3f1; Prit. p. 892-11f30; R. E. D. p. 293, f73; (Gomphonema.) --
 EPIDENDRON, E. - Abh. Ber. 1843p. 219;



EUROPAEA, E. -Abh. Ber. 1843p. 379:

PINNATA, E. -Mik. 1856p. 73;

TRICARINATA, E. -Mik. p. 371:

SPHINCTOCYSTIS.

ELLIPTICA, Macdonald pl. 10f14:

(Cymatopleura.)

LIBRILIS, Hassall Alg. p. 466-102f3; -(Cymatopleura & Smirella solea.)--

STAUROGRAMMA. - (Ehrh. 1808)

PERSICUM, Rabh. S. D. p. 50-9f14; Prit. p. 915-3f36;

DeT. Syll. p. 226:

(Staurogramma decussata.)

STAURONEIS. -- (Ehrh. 1808)

-, Bailey, A. J. S. Vol. 35, pl. 2f6:

-, Pfitzer p. 57:

-, Kirchn. Alg. Schlies. p. 183;

-, Meneg. A. N. D. p. 422;

-, Sci. Gos. 1868p. 132-f131;

-, Tanarek 1879p. 36;

Amer. Nat. 1868p. 510-13f9:

-, Schmitz 1877p. 5:

ACHNANTHES, K. B. p. 106-29f20, 22; K. S. A. p. 91; Prit. p. 913; R. E. D. p. 248;

Nylander, W.: Hoffmann, Marburg:

(Navicula aspera; -Stauroptera.)-

ACROCEPHALA, Rabh. S. D. p. 48-9f19; Prit. p. 914; R. E. D. p. 250:

DeT. Syll. p. 211:

ACUTA, S. B. D. p. 59-19f187; Front.; Quek. H. C. pl. 12f26; Grun. 1860p. 563;

1884p. 47; Prit. p. 914-7f76; Heib. p. 88; Carr. p. 110; Cl. 1863p. 223; 1881,

pp. 4, 8; 1891p. 39; Nav. p. 150; Hull; Macdonald pl. 10f25; Lagr. 1873p. 35;

M. M. J. 1874p. 220; Edw. N. H. 11-3f33, 34; Deby Pol. p. 22; Pet. Cat. p. 27;

Sm. Sp. T. 435; V. H. S. p. 63-4f3; T. No. 2; Kinnord; Lake Michigan; Strose

Kleik. p. 11-1f15; Wolle, 8f11; Herib. p. 78; -(Pleurostauron; -S. Kochii.)--

* forma tenuis, Schaarschmidt. -J. L. S. 1884p. 244-5f11;

* v. Terryana, Temp. -Cleve Navic. p. 150;

* v. undulata, Cleve Nav. p. 150;

ACUTIUSCULA, Heribaud p. 78; -3f20:

AETHIOPUM, E. -Prit. p. 915---error--is a Desmid.)---

AFRICANA, Cleve, N. L. K. D. p. 15-3f42; Cl. & M. No. 196; Nav. p. 145;

V. H. T. No. 137; DeT. S. p. 213:

* v. acuminata, Grun. -V. H. T. No. 137 sub; Cl. Nav. p. 145;

AMPHICEPHALA, K. B. p. 105-30f25; K. S. A. p. 90; R. S. D. p. 48-9f12; Prit. p.

912; Lewis, W. M. D. p. 12; Schum. 1864p. 22-2f29; Nylander, W.: Pet. liste

p. 21; V. H. S. pl. 4f6; Hoffmann, Marb.; Belloc, Lichon p. 49; 3f10; Stamer,

Duren; Ebert, Cassel;

(S. anceps, var.)

AMPHILEPTA, E. -Amer. pl. 1-2f9, 13; Mik. pls. 14f18; 36A-15f6; 36A-16f3, 5;

K. B. p. 105-29f16, 17; K. S. A. p. 39; R. S. D. p. 48-9f7; Prit. p. 913; Grun.

1860p. 563; Hoffmann, Marb.; Ebert, Cassel; Herib. p. 79; -3f18:

(S. Phoenicenteron, v.)---

AMPHIOXYS, Greg. -T. M. S. 1856p. 43-5f23; Carr. p. 110; Dampf. p. 12

Lagr. 1876p. 47, f5; Grun. 1873p. 17; (Nav.)

AMPHIOXYS, Ralfs. -Prit. p. 915:

(Stauroptera.)-

AMPHYRRHYNCHUS, E. -Mik. p. 173; DeT. S. p. 219:

AMPHISBAENA, E. -Mik. p. 333; Prit. p. 915; DeT. S. p. 219:

anceps, G. - Pet.

Dampf. p. 32.

" var. *leiostrakon*, A. Cl. 1895 p. 12-17.

: : : : : :

- AMPHOROIDES, Grun.-Atlas 26f34-39; A.J.M. 1377p.15; 1378p.103;
 Cl. & M. Nos. 27; Dannf. p. 32: (Amphipora & Amphora constricta)
 ANCEPS, E.-Amer. p. 134, pl. 2-1f13; Abh. Ber. 1370pl. 2-1f24; K.B. p. 105-
 29f4; R.S.D. p. 43-9f14; K.S.A. p. 90; S.B.D. 1p. 60-19f190; Braemar; R. Alp
 Nos. 967, 1263; Mull; R. Bac. Exs. No. 31; Prit. p. 912; Grun. 1360p. 564; Cl.
 1367p. 666; 1368p. 223; 1380pp. 4, 8: *Herib. p. 77*; Vega p. 491; 1391p.
 40; Nav. p. 147; Schum. H.T. 1p. 43, 39; 1364p. 22-2f27; Roper, Thanes; Heil.
 p. 83; Breb. Verm. p. 10; Arenig Bach; R.E.D. 1. 247; Cl. & M. No. 243; Petit
 liste p. 21; Sm. Sp. T. 436; Brun Alp. p. 39; Lagr. 1373p. 33; Lake Michigan;
 V.H.S. p. 63-4f4, 5; T. No. 43; Kinnora; Belloc, Luchon; Perag. p. 62; Wolle
 8f4; Gallik, Papan; Petit 1333pl. 4f3; Hoff. Marburg; Det. S. p. 211;
 Herib. p. 77: *Hilse 1862 p. 69; Tolsta p. 429; Cl. 1895; Vestrup 1897 p. 31*
 forma intermedia, Schaar.-J.L.S. 1334p. 244:
 forma tenuicollis, Schaar.-J.L.S. 1334p. 244-5f12:
 var., Cl. 1331p. 12-16f5:-(S. anceps, v. birostris.)-
 var. amphicephala, K.-V.H.S. p. 69-4f6; Wolle, 3f3, 9; Herib. p. 73;
 Cl. Nav. p. 143: *1895 p. 12*: (S. linearis, p. 1., & amp.)
 var. Argentina, Cl. Nav. p. 143: (S. gracilis, v. Arg.)-
 var. 'b', producta, Lagr. 1376p. 33: Det. S. p. 211:
 (S. anceps of Schumann.) ----
 v. derasa, Grun.-Cl. Nav. p. 147:
 v. elliptica, Rabh. E.D. p. 247; Petit liste p. 21; Belloc, Luchon:
 Brun Alp. p. 39-9f1: (S. anceps, W.S.)-
 v. fossilis, Cl. 1391p. 40-2f13; Navic. p. 143;
 v. elongata, Grun.-Cl. Nav. p. 143: *1895 p. 12*: (S. linearis, v.)
 v. gracilis, Rabh. E.D. p. 247; Brun Alp. p. 39-9f2; Det. S. p. 211;
 Cl. Nav. p. 147; (S. anceps, Hilse; -S. gracilis, v.)
 v. hyalina, Per. & Bn.-Herib. p. 73-3f19; Cl. Nav. p. 147; *1895 p. 12*:
 v. linearis, K.-R.E.D. p. 247; Brun Alp. p. 39-9f3; V.H.S. p. 69-4f7, 3;
 Amazon; Cl. Nav. p. 147; Perag. p. 62; Det. S. p. 211; *Cl. 1895 p. 12*:
 (S. amphicephala & l.)--
 v. nobilis, Schum.-Cl. Nav. p. 143;
 v. obtusa, Grun.-Cl. Nav. p. 143;
 v. recta, Cleve Navic. p. 143;
 v. Sibirica, Grun.-Cl. 1380p. 43-3f65; Nav. p. 147; Det. S. p. 211;
 ANDICOLA, Cl. Nav. p. 151:- (Schizostaunon.)
 ANGULARIS, Johnston.-Q.J.M.S. 1360pp. 13, 13; (Nav. Henedyi.)
 ANGUSTA, E.-Abh. Ber. 1343p. 3; Det. Syll. p. 221;
 APICULATA, Grev.-Trans. Bot. Soc. Edinb. 1359p. 30-4f3; Prit. p. 913;
 R.E.D. p. 252; Wolle, 25f7; Det. S. p. 215: (*trachea*)
 ANGUSTATA, E.-Mik. pl. 15f23, 29; Det. S. p. 210;
 ARGENTINA, Cl. 1331p. 12-16f4; Det. S. p. 205: (S. anceps, v. Arg.)---
 ASPERA, K.B. p. 106-29f12; K.S.A. p. 91; Prit. p. 914; R.E.D. p. 250; Cl. 1373p
 p. 13; Pet. Cat. 1. 27; Lagr. 1376p. 47; Sm. Sp. 1. 437; V.H.S. pl. 10f13; 'K',
 f27; Perag. p. 62; *Petit, Cl.*
 (Navic. & Trachyneis; -S. pulchella; -Stauroptera.)-
 v. intermedia, Grun.-Cl. Nares; Vega p. 474; Shark River; Reinhard;

1. line
a. in large ...

" cord, S.C. Petit Cap Horn (Gra-
... (Chav.)

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- ATLANTICA, E. -Abh. Ber. 1345p. 155; K.S.A.p. 39; Prit. p. 913;
R.E.D.p. 252; Det. Syll. p. 213;
- AUSTRALIS, Grev. -Trans. Bot. Soc. Edinb. 1363p. 579-15f13; Cl. Vega p. 293;
(Mastoneis & S. biformis.) ----
- BACCATA, Fortm. Cey. p. 37-3f35; Det. S.p. 209: - (S. biformis, v. minima);
- BACILLUM, Grun. 1363p. 155-13f16; R.E.D.p. 251; Det. S.p. 215:
(Caloneis fasciculata; -Navic. lacunatum.) ----
- BACONIANA, Stodder. -B.J.N. 1. 1359p. 27; Sm. Sp. T. 433; Det. Syll. p. 221;
- BAILEYI, E. -Amer. p. 134; Mik. pls. 2-3f16, 12; 3-3f6, 7; 3-4f11;
4-2f11, 12; 4-3f2; 5-3f14; 35A-5f9; K.B.p. 105; K.S.A.p. 90; R.S.D.
p. 43; Prit. p. 913; S.G. 1367p. 157, f159; R.E.D.p. 252; Wille, 24f24;
Det. S.p. 207: (S. Phoenicenteron, b.)
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- BIROSTRIS, E. -Amer. p. 134, pls. 2-2f1; 4-2f5; Mik. pls. 1-3f16; 14f23a;
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- GRANULATA, Ralfs, Prit. p. 9I3; R.E.D.p. 252; Det. S. I. 220: (Stauroptera.)
- GREGORYI, Ralfs, Prit. p. 9I3; R.E.D.p. 243; V.H.S.p. 64; Dannf. p. 32;
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- v. dimidiata, Grun.-Cl. & M. No. 247 sub; Det. Syll. p. 203;
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- GRUNOWII, Rabh. E.D.p. 25I: (S. crucicula, v.)
- HEUFLERIANA, - - - - (VIDE Heuflerii.) - - - -
- HEUFLERII, Grun. I353p. I55-I3fIO; Schum. H.T. p. 79-4f62; R.E.D. I. 245;
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- HOCHSTETTERI, E.-Abh. Ber. I369p. 52, pl. 2-2fI9; (Pleurostauron; -S. fulmen)
- HOLOGRAMMA, E.-Mik. p. I40; Prit. p. 9I5; Det. S. I. 220:
- HYALINA, Eiben, I37I; Dannf. I. 32-3f20; Cl. I39Ip. 39;
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- INAEQUALIS, E.-Mik. pl. I6-If6; Det. Syll. I. 206:
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- INDICA, E.-Mik. p. If3; Prit. p. 9I5; Det. S. I. 2I9: I. p.
- INFLATA, K.B. p. I05-30f22; K.S.A. I. 9I; R.S.D. p. 43-9fI5; Prit. I. 9I5;
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- ICOSIAURON, K.B. p. I06-29fIOa; K.S.A. p. 92; Prit. p. 9I4-I2f73;
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- JANISCHII, Rabh. Alg. Eur. No. 348: (Nav. integra.) -
- JAVANICA, Cl. Nav. p. I50: (Pleurostauron; -S. Phoenicen.) -
- KOCHII, Pant. 3p. -3f92: (S. acuta.) ---
- KRYOPHILA, Grun. I384p. I35-If47; Det. S. I. 2I3; Cl. Nav. I. I46;
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- LANCEOLATA, K.B. p. I04-30f24; K.S.A. I. 39; R.S.D. I. 43-9f9; Prit. I. 9I3;
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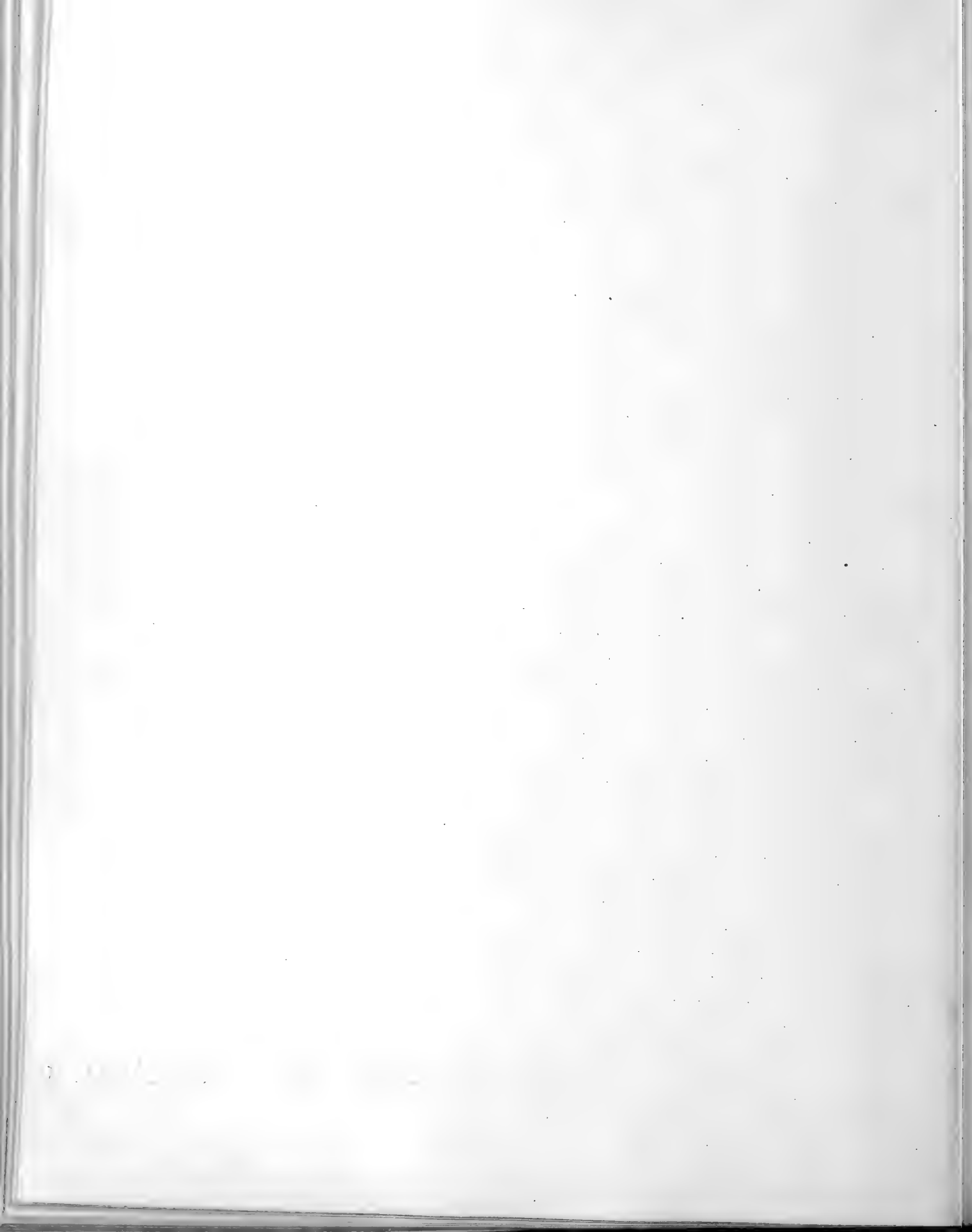
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 204; Pant.3p. -3f134; J.Q.C.1394p.371; Herib.p.15; Tolstap. ~~1~~
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 * forma gracilis, Br. & Per.-Herib.p.75;
 * v.amphilepta, E.-Cl.Navic.p.149; /895 p.13;
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 * v.Baileyi, E.-Cl.Nav.p.149; (S. pteroides & B.)--
 * v.genuina, Cl.Nav.p.149; (S.Bruni & Ph.)
 * v.lanceolata, Brun Alp.p.39-9f5; Cl.1391p.40; Malaisia;
 Del.Syll.p.204; (S.lanc.)--
 * v. * forma major, Br.-Herib.p.76;
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- HYLLODES, E.-Amer.p.135, pls.1-2f10; 2-1f16; K.B.p.105-29f2; K.S.A.p.90; R.S.D.p.43-9f3; Prit.p.912-12f7-9; R.E.D.p.252; Lake Michigan; Amazon: Wollé, II2f10; DeT.Syll.p.207; Cl.Iav.p.143-5f27; (S.Sieboldii.)
- PLACENTULA, E.-Mik.p.333; Prit.p.915; DeT.S.p.220;
- PLATALEA, E.-Mik.pl.15(A)f30; Prit.p.912; R.E.D.p.252; DeT.S.p.221;
- PLATYCEPHALA, E.-Ralfs, Prit.p.912; R.E.D.p.252; DeT.Syll.p.220; (Navicula; -Pinnularia; -Stauroptera.)---
- PLATYSTOMA, E.-K.B.p.105-3f53; K.S.A.p.90; E.Mik.pl.3-1f3; R.S.D.p.43-9f2; Prit.p.912-91f42; Bruggen p.239; Schum.I339p.35; A.T.p.73; New Zealand; R.E.D.p.246; Brun Alp.p.90-9f3; Dannf.p.52; Cl.I33Op.14-3f61; Hoffmann, Marburg; DeT.Syll.p.206; Merib.p.79; (Navic.; -S.Ehrenbergii; -S.excellens; -Stauroptera p. & excellens.)
- * forma minor, DeT.Syll.p.206; (S.platystoma.)
- * forma valida, Rabh.E.D.p.243;
- POLYGRAMMA, E.-Amer.p.135, pl.2-3f30; K.B.p.105-29f7; K.S.A.p.91; R.S.D.p.43-9f13; Prit.p.913; R.E.D.p.252; DeT.S.p.210; (Frustulia; -Nav.costata & p.)
- POLYMORPHA, Lagr.I873p.39-1f12; (Nav.mutica, var.Cohnii.)-
- PRODUCTA, Grun.-V.4.S.pl.4f12; Cl.I33Ip.4; Lake Michigan; Wollé pl.3f7; DeT.Syll.p.221;
- PTEROIDEA, E.Amer.p.135; Mik.pls.3-317; 14f5; K.B.p.105; K.S.A.p.90; R.S.D.p.43; Prit.p.913; R.E.D.p.252; Wollé, 24f25; DeT.S.p.207;
- PULCELLA, ---S.B.D.Ip.61-19f194; Bruggen p.239; Prit.p.914-71f7; Grun.I330p.555; I333p.20; Gr.Vern.p.10f45; Grun.p.33; Jan.G1.p.29-1a, f15; Jan. & R.p.12-4f5; Carr.p.III: R.E.D.p.251; Grunera p.35; Cl.I337p.365; I333p.229; Lam. & S.p.171; Mill; Pet.Cat.p.27; Table Bai p.5; Flogel, Baltic; Fortm.Cey.p.36; Lanzi, I876p.6; Sm.Sp.1.497; Mobile; M.T.P.3-5-3,4; Malaisie; Perag.p.62; Fortm.E.D.p.15; (Navicula, Staur. & Trachyneis aspera.)
- * var."b", S.B.D.Ip.61-19f194b; Carr.p.III: 7-19f194b; (S.pulchella.)---
- * var."g" clepsydra, Carr.p.III: (S.pulchella, "g.")--
- PULCHRA, W.S.-British Museum Cat.p.25; (S.pulchella, "g.")--
- PUMILA, K.B.p.105-30f43; K.S.A.p.91; Prit.p.913; R.E.D.p.249; Ralfs. II45; Schum.A.T.p.73; I332p.130-9f55; I334p.22-2f60; -(N.mutica, var.)-
- PUNCTATA, ---K.B.p.105-2f19; K.S.A.p.92; S.B.D.Ip.61-19f139; Prit.p.912; Grun.I330p.555; Carr.p.III; Cl.I333p.229; Stross, Flensburg; R.E.D.p.245; Brun Alp.p.9-9f4; Sm.Sp.1.493; DeT.Syll.p.206; Wollé, 8f1; (Navic.p. & tuscila; -Stauroptera.)-
- PUSILLA, E., Mik.p.254; Aoh. Ser. I379p.39, 112-1f10; Prit.p.915; Cl.Vega p.475; Wollé, 63f24; DeT.S.p.217;
- QUARNERENSIS, Grun.-N.L.K.D.p.14; DeT.S.p.210; (Nav.q., I394.)-
- RABENHORSTII, E.-Ralfs, Prit.p.911; (Achnanthes; -Staur. t. contracta.)
- RECTANGULARIS, Greg.-M.J.I354p.99-4f17; Petit & Lead.: (Nav.laevisissima & pupula.)---
- REINHARDTIANA, Grun.-Cl.Nav.p.151; (Schizostauron R. & Reinhardtii.)--
- REINHARDTII, Grun. I330p.553-4f19; Gallia, Papau; (Navicula.)
- RHOMBICA, O'M.-M.J.I337p.247-7f3; DeT.Syll.p.215; Q.J.M.S. 1863p.140;

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- ROBUSTA, Petit Cat.p.27-5fI6; Hedw.I873p.130; J.R.M.S.I873p.242-
I5fI6; Del.Syll.p.203; (Trachypoda v. l.)---
RORIPHAE, E.-Radfs,Prit.p.914; R.E.D.p.256; Del.S.p.219;-(Scutopod.)
ROTALANA, Rabh.Alt.Edt.No.505; Hedw.Vol.Ip.102-I5f7; L.M.S.p.10;
Grün.I86Op.565-4fI4; (Nav.;-Pseudo-Pleurostoma.)
ROTUNDATA, Gräv.-T.M.S.I86p.35-9f30,3f; New Zealand; Del.S.p.217;
SAGITTA, Cleve,N.L.K.D.p.I5-3f45; Nav.p.I5f; (Pleurostomum.)
SALINA, S.B.D.H.30-19fI3; Prit.p.915; Bosc."C.C.".47; Del.S.p.11;
Vern.p.10; Roripha,Thomas; Lewis,Nfld/R.S.p.71; 111; R.E.D.p.21; L.M.
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(Navic.; -Nav. & Pinn.borealis; -Stenoptera.)
SCANDINAVICA, Latr.I876p.47; Hedw.Vil.I5p.II; Cl.Vega p.474;
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SCAPHULAEFORMIS, Gv.-T.M.S.I86p.35-9f32; New Zealand:- (Pleurostomum)
SCHINZII, Brn.-Cl.Navic.p.I46; (Navicula S.)
SCOTICA, Petit & Lead.; Herib.p.79; Petit, Cape Horn;
SEMEN, E.-Mik.pls.35A-If3; 35A-7f20; 33A-1f4; 33A-17f17; 33A-2fI4;
33A-20fIa,7b; p.95; R.E.D.p.252; (Nav.mitica,v.; -Stenoptera.)-
SEMICRUCIATA, E.-Radfs,Prit.p.914; R.E.D.p.253; Del.S.p.220;-(Scutopod.)
SIEBOLDII, E.-Mon.Ber.I845p.265; Mik.p.I53,pl.34-3fI2; W.S.A.p.90; R.
S.D.p.43; Prit.p.912; R.E.D.p.252; Del.S.p.217; Cl.Nav.p.I10;
SEPTENTRIONALIS, Grün.I831p.35-1fI3; Del.S.p.217; Cl.Nav.p.I10;
SIGMA, E.-Ann.B.I844p.33; Mik.fl.I8f63; W.S.A.p.91; Prit.p.91f;
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SMITHII, Grün.I86p.354-4fI6; Schum.p.1.f.79; I83p.22; Gallik,p.10;
Sm.Sp.T.500; V.L.S.p.39-4fI0; T.45; Schum,p.10; Cl.I891.39; Nav.
p.I50; Herib.p.79;(Pleurostomum;-S.linearis,w.S.,& legumen.)
SPHAEROPHORA, E.-Mik.p.32; Prit.p.915; Del.S.p.220;
SPICULA, Hickls.-M.O.I874p.200; Sm.Sp.T.No.501; Cl.Nav.p.10;
Vega p.474; V.L.S.p.33-4fI0; Del.S.p.209; (Navicula.)-
STAUROPHAEA, E.-Amel.p.I35; Mik.pls.2-3fI1; 5-3f15; 5-1fI3; W.S.A.p.90;
W.S.A.p.90; R.S.D.p.43; Prit.p.913; R.E.D.p.215; wolle 2f23;
Del.Syll.p.205;
STODDERI, Greenleaf.-Lewis,w.M.D.p.I3-2f6; S.G.I86p.35f63; Sm.Sp.T.
No.502; wolle pl.25fI2; Del.S.p.220; (Navic.)
v.insignis, Grün.-N.L.K.D.p.I5; (Nav.Stod.v.i")
SUBULA, E.-Mik.I856p.72; Del.Syll.p.220; I
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SZOMLACHI, Pantoc.3p. -3fI43;
TATRICA, Gutwinski.-Galicyi I890p.24-1f20; Del.S.p.222;
(Nav.papula;-Schizostomum.)-
THAITIANA, Castr.I837p.23-20fI6; Del.S.p.218; Laehmunnatid.

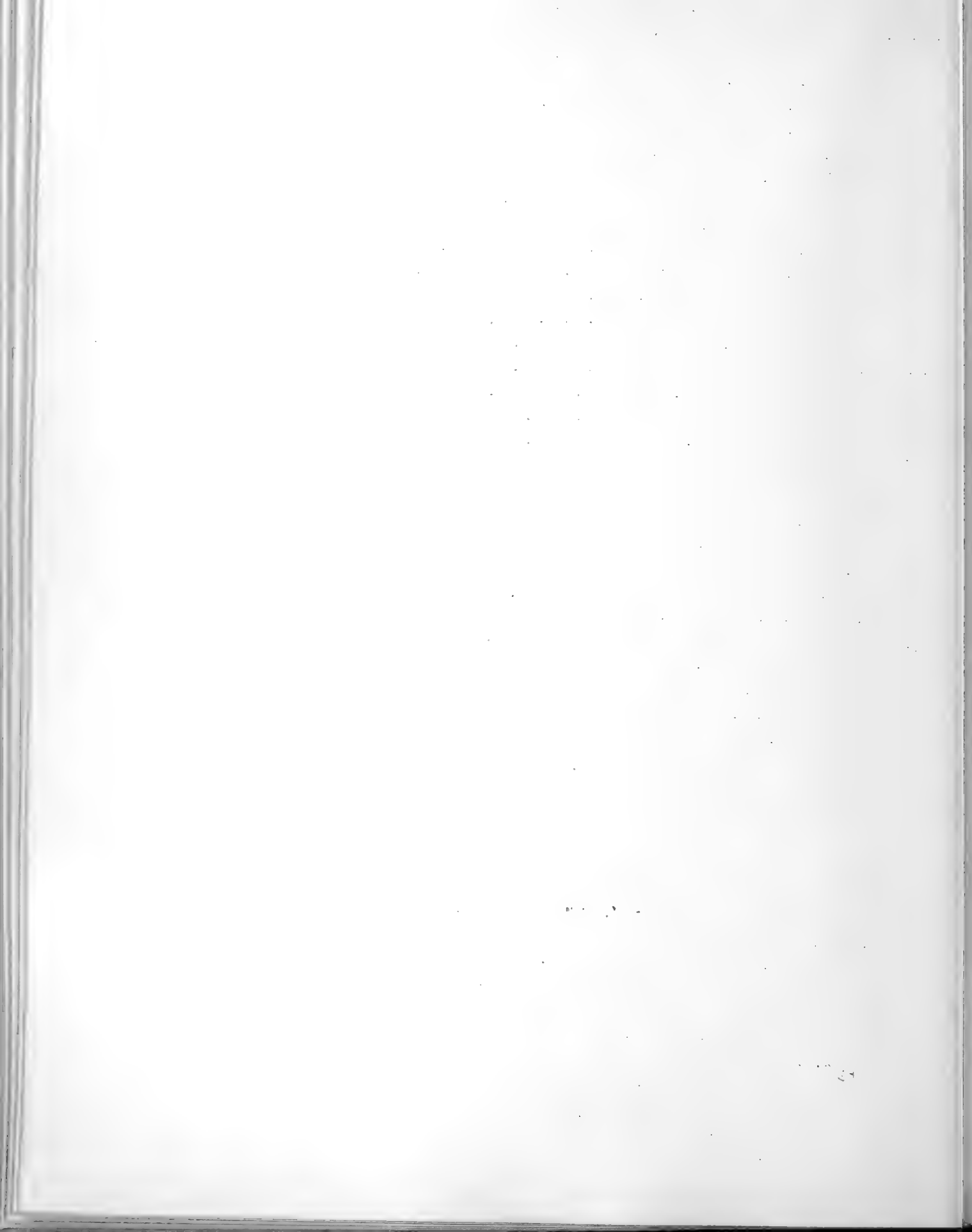
7 velata, A.S. - (har. vel.) -

11 var. australis, Petit. - Cap Horn p. 125

- TRUNCATA, Ralfs, Prit. p. 914; Schum. 1861. 22-2125; Carr. p. III; R.E.D. p. 250; Petit liste p. 21; Brin Alp. p. 91-3f14; Gallik, Paris; (Navicula Reinhardtii & vernalis).-----
- TUMIDA, Schum. 1869 p. 35:
- TUMIDULA, Gr. in. 1861. 553-4f10; R.E.D. p. 251; Det. Syll. p. 215; (Trachyneis t.)-----
- TUSCULA, Ralfs, Prit. p. 912; R.E.D. p. 252; (Navicula; -Pinn. pterophæna & t.; -Stauronopsis.)--
- UNDOSA, E.-Nord. p. -2f31; Det. Syll. p. 221:
- UNDULATA, Hilse 1860 p. 33; (Nav. undica, var.)---
- VENTRICOSA, K.B. p. 105-50f27; K.S.A. p. 91; R.S.D. p. 49-9f10; M.J. 1856 p. -1f10; S.B.D. Vol. 2, p. 104; Prit. p. 912; Carr. p. III; R.E.D. p. 240; Spamer, Bremen; Malaisia; V. i. S. p. 1. 4f10; (Nav. undica, var. +
- var. explicita, Prit. p. -Rab. S. D. p. 240; (Stauronopsis.)--
- VERBANIA, DeNotaris. -Erbario Crittog. Italiano No. 1434; Hedwigia Vol. 2, p. 71; Bot. Giornale Ital. 1871 p. 322; (Schizostauron.)----
- VIBRIO, E.-Abh. Ber. 1869 p. 53; Det. Syll. p. 221;
- VIRGINICA, E.-Mik. 1856 p. 72; Det. S. p. 220;
- WITTROCKII, Lager. 1873 p. 33-2f15; Det. Syll. p. 215; (Nav. pupilla.)---

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- , Bailey, A.J.S. Vol. 43 p. 336-4f26;
- ACHMANTHES, E.-Amer. p. 135, pls. 3-3f7; 4-3f2; Mik. p. 13, pl. IV-1f10; Nord-P. p. -2f41; -(Navicula (& Trachyneis) aspera; -Stauroneis.)--
- AMPHIOXYIS, E.-Mik. pl. 6-1f14; (Stauroneis.)-
- ASPERA, E.-Amer. p. 134, pls. 1-1f12; 3-3f2; 2-3f20; 3-7f26; 4-4f1; Mik. pls. 19f25; 55A-20f10; 55A-20f10; R.S.D. p. 49-9f11; 1f10; 1. S. p. 10-1f13; Weisse G. p. 307-2f60; B.J.N. 1. 1861 p. 337, f32; (Navicula; -Staur.; -Trachyneis.)---
- ASPERULA, E.-Mik. p. 140; Prit. p. 915; (Nav.; -Pinn.)--
- BRASILIENSIS, E.-Mik. p. 131; Prit. p. 915; (Nav. & Pinn.?)-
- BREBISSONI, Kirchner Alp. Schliesens p. 177; Schum. 1861 p. 33; (Nav.)-
- CAPITATA, E.-Nord. p. 21-2f42, 43; (Stauroneis.)--
- CARDINALIS, E.-Amer. pls. 1-2f1; 2-1f21; Mik. pls. 3-1f13; 5-1f5; 14f4; 17-1f4; 33-3f19; 39-3f107, 108; R.S.D. p. 49-9f11; R.E.D. p. 241f50; -(Nav.)
- CONSTRICTA, Rab. S. D. p. 50-9f10; (Stauronopsis.)-
- DECUSSATA, Rab. S. D. p. 1. 9f14; R.E.D. p. 243; (Stauronopsis Persicini.)-
- DENDROBATES, E.-Abh. Ber. 1843 p. 219; 13/11. 22, f1, 2; R.S.D. p. 49; (Stauroneis.)-
- Deby D. Ter.;
- DISTAURIDIUM, E.-Mik. p. 13; Prit. p. 913; (Navicula.)
- DIVERGENS, Kirchner Alpen Schliesens p. 177; (Stauronopsis.)-
- GIBBA, E.-Amer. p. 135, pl. I-2f3; R.S.D. p. 49-9f11; (Stauronopsis.)-
- GRANULATA, E.-Abh. Ber. 1841 p. 135; 17-2f3; 2f14; (Stauronopsis.)-
- ISOSTAURON, E.-Amer. p. 135, pl. 4-2f1; 1f11; 1f11; 17-2f3; 2f14; Ber. 1871 p. 1. 2-1f25; R.S.D. p. 49-9f11; (Stauronopsis.)-
- LECUMEN, E.-Amer. p. 135, pl. I-2f3; R.S.D. p. 49-9f11; (Stauronopsis.)-
- LEPTOCEPHALA, E.-Abh. Ber. 1841 p. 135; Mik. p. 13; Prit. p. 913; (Stauronopsis.)-
- MACROCEPHALA, K.-Rab. S. D. p. 49; (Stauronopsis.)-



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- MESOGONGYLA, E.-Mik. pl. 6-1f7; (Stauroneis.)--
 MICROSTAUROM, E.-Amer. pls. 1-5f1; 4-2f2; Mik. pls. 5-3f3;
 15-2f4; 35A-2f19; Nord. p. -2f44; R.S.D. 1.49-9f7; Atlas 41f35, 37;
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 MONOGRAMMA, E.-Mik. 1.303; R.S.D. 1.50; (Stauroneis.)--
 NEPTUNIA, E.-Abh. Ber. 1372p. 137; Nord. p. 1. -2f1;
 NICOBARICA, E.-Mik. p. 173; Nord. 1. -2f43; Del. Syll. 1.220;
 NORILIS, E.-Mik. p. 333; Prit. 1.915; ?
 ORLONGA, Bailey, N.S. p. 10, f17; Atlas 43f13; Brun & T. 1.73;
 (Stauroneis; -Trachyneis.)----
 PARVA, E.-Amer. p. 135, pl. 3-1f19; Mik. 1. 50-3f103; Nord. 1. -2f10;
 R.S.D. 1.49-9f3; Kirch. Alg. Schl. p. 177; (Navicula; -Stauroneis: Pinnularia)
 PAUCICOSTATA, Rabh. S.D. 1.49-9f15; (Stauroneis.)--
 PECKII, Rabh. S.D. p. 49-9f13; Gran. 1363p. 155;
 (Navicula gibba, var.; -Stauroneis.)-----
 PEREGRINA, E.-Mik. pl. 6-1f15; (Stauroneis.)--
 PHOENICENTERON, E.-Abh. Ber. 1343p. 13; (Stauroneis.)--
 PLATYCEPHALA, E.-Mik. pl. 17-2f9; (Stauroneis.)--
 PLATYSTOMA, E.-Mik. 1. 14f13; (Stauroneis: Pinnularia.)--
 PUNCTATA, K.-Rab. S.D. p. 50; (Navicula; -Stauroneis.)--
 PUSILLA, E.-Abh. Ber. 1375p. 133; (Stauroneis.)--
 RORAIMAE, E.-Mik. pl. 34-3a, f9; (Abh. Ber. 1375p. 133; -Navicula; -Stauroneis.)--
 SCALARIS, E.-Amer. pl. 4-2f3; R.S.D. 1.49-9f3;
 (Nav. borealis, var.; -Stauroneis: Pinn. Ror., var.)--
 SEMEN, E.-Mik. p. 13; (Stauroneis.)--
 SEMIROCIATA, E.-Abh. Ber. 1343p. 45; Mik. 1. 53-3f7, 7x; (Stauroneis.)--
 SIAMENSIS, E.-Mik. p. 140; Prit. 1.915;
 TABELLARIA, E.-Mik. p. 133; Prit. 1.915;
 TRINODIS, E.-Mik. 1356p. 72; Prit. p. 915;
 TRUNCATA, Rabh. S.D. p. 49-9f12;
 (Stauroneis; -Stauroneis & Achmanthes lanceolata.)
 TUSCULA, E.-Mik. 1.79, pl. 6-1f13a, b;
 (Navicula; -Pinn. pterophæna; -Stauroneis.)---

STAUIOSIGMA. - (Gran. 1866)

- ASIATICUM, Brun & T. p. 56-9f1; Del. Syll. 1.230; (Pleurosigma, ra.)
 EIRENBERGII, Gran. 1360p. 567; R.E.D. 1.253; Del. S. 1.230;
 (Pleurosigma; -Stauroneis: sigma)
 ORLONUM, Grev. -R.E.D. 1.253; Del. Syll. 1.230; (Stauroneis.)--
 OVULUM, Rabh. E.D. 1.253; Del. Syll. 1.230;

STAUIOSIRA. - (Ehrh., 1846)

- , Pfitzer 1.103;
 ACUTA, Gallie, Palan; (Stauroneis.)--
 AEQUALIS, Hüll. & M. No. 13; A.O.W. 1377p. 149; 1373p. 102; (Staur.)--
 ' var. producta, H.V. H.S. 1. 14 (Staur. aequalis, v.)--
 AMPHILEPTA, E.-Abh. Ber. 1341p. 424; Prit. 1.791; (Staur.)--
 ANOMALA, Petit & Lend. (Staur.)--

Capucina, Borsani Russ. D. p. 126 - a, f. 1;

constuens,

" v. binodis, Cl. & J. p. 136:

Harrisoni,

" v. triangularis, Cl. & J. p. 130:

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- BIDENS, H.V.H.S.pl.45f6: (Fragilaria; -S.Mormonorum.) ---
 BREVISIRIATA, .-Cl.Vega p.491: (Fragilaria.) --
 * v.cuneata, Grun.1834p.104-2f9; (Frag. brev., v.cun.) -
 * v.Laponica, Grun.1834p.104; V.H.S.pl.45f6: (Frag. brev.) ---
 * v.subacuta, Grun.1832p. : -
 CAPUCINA, Desmaz.-Borseow pl.1f5; Cl. & M.No.74; Petit & Lend.; V.
 H.S.pl.45f2: Belloc, Luchon: Gallik, Papan; Perag.p.70: (Frag.) -
 * v.acuta, E.-Belloc, Luchon; Perag.p.70: (Frag. l.) -
 * v.lanceolata, .-Perag.p.70: (Frag. l.) -
 * v.mesolepta, Perag.p.70: (Frag. mes.) -
 CONSTRUENS, E.-Abh.Ber.1841p.424; 1869pl.1a, f21; Mik.pls.5-2f23a-d;
 6-1f44a,b; 16-1f23; 33-1f5; 53-3f3, 3x; 59-3f10; Prit.p.791-1f15;
 Schum.1862p.134-3f3; M.C.pl.41f53; Petit, 1833; Liste p.24; S.S.pl.
 505; Cl.1831p.7; Belloc, Luchon: Perag.p.71; Gallik, Papan; Pantoc.
 3pZ. -1f5; (Frag. con.) -
 CONTRACTA, Schum.-Petit liste p.24; Belloc, Luchon: (Frag. con.) -
~~Schum.~~-Gallik, Papan: (Frag. ellipt.) -
 EPIDENDRUM, E.-Mik.p.303; Prit.p.791: (Frag. --- is a Stenodendrium.) --
 GRUNOWII, Pantoc.3pZ. -4f66:
 HARRISONI, Grun.-Petit liste p.25; Cl.1831p.10; Belloc, Luchon:
 Pant.3pZ. -4f60; Perag.p.71: (Frag. l.) -
 * v.amphitetras, Grun.1832p. :
 * v.dubia, Grun.-Cl.1830p.9:
 * v.fossilis, Pant.3pZ. -5f77:
 HYMALIS, Lyng.-(?) -Petit & Lend.: (Frag.) ---
 INTERMEDIA, Grun.1862p.339; Cl.1831p.10:
 (Frag.; -Fr. & Odontidium mutabile, v.) --
 KAVNENSIS, Pant.2p.66-1f200; 5f56: (Fragilaria.) --
 LANCETTULA, Schum.-Gallik, Papan: (Nav.; -Frag.) --
 MESODON, Rabh.-Cl.Vega p.491: (Frag. capucina, var.) ----
 MEXICANA, E.-Mik.p.371; Prit.p.791: (Frag. Mex.) -
 MORMONORUM, Pant.2p.66: Grun.1832p.117; (Frag.; -S.mormonorum, v.) --
 MUTABILIS, W.Sm.-Petit & Lend.; Liste p.15; Cl.1831p.7; Pant.p.114;
 Belloc, Luchon: Perag.p.70: (Frag. & Odontidium fr.) ---
 PARASITICA, .-Petit liste p.25; Belloc, Luchon; Perag.p.71: (Frag.; -S. bidens, v.) ----
 PATAGONICA, Cl.1831p.13-16f15; 1830p.10: (Frag.; -S. bidens, v.) ----
 PIMATA, E.-Abh.Ber.1841p.424; Mik.pl.5-2f24;
 Schum.1862p.134-3f14: (Frag. harrisoni, var., & harrisoni.) --
 SMITHIANA, Grun.-V.H.S. Perag.p.70: (Frag. Sm.) --
 TRICARINATA, E.-Mik.p.371; Prit.p.791: (Frag.) ---
 TRIGONGYLA, E.-Abh.Ber.1843.44: Mik.pl.31; Prit.p.791: (Frag.) --
 TABELLARIA, O'M.-Petit & Lend.; (Frag. tab.) --
 UNGERIANA, Grun.-Cl. & M.No.183: (Frag. Ung.) -
 VASIA, Pantoc.3p. -27f405;
 VENTER, E.-Perag.p.71: (Fragilaria v.) --
 VENTER, Pant.3p. -3f123, 127; 20f299; 27f403:
 * v.fossilis, Pant.2p.66-4f62; (Frag.) ---

dubia, (Cydotella?) Atlas 222f23, 24:—

STELLA, Rattray Review p.135; Del.Syll.p.1420: (Asterolampra s.) ---

in Cosc. p.633

STENONEIS. -- (Cline, 1894)

INCONSPICUA, Grap. - Cl. Navic. p.124-5f23: (Nav. fistula & inc.)

v. baculus, Cl. Nav. p.124: (Navicula b.) --

STENOPTEROBIA. -- (Cline)

ANCEPS, Breb. in litt.; Cl. & M. No. 291; V. T. 1.2-3-4; Del. Syll. p.1152;

Herib. p.132-4f4; a. cc. 1895: (S. nitella.) ---

GRACILLIMA, Grun. Mss.; -Cl. 133 Ip. 71

STEPHANODISCUS. -- (Cline)

---, (Coscinoiscus vesiculosus.) ---

AEGYPTIACUS, E., Mik. pl. 33-1f13, 16x: Plut. p. 324-5f69; M. D. 1.4-122;

R. E. D. p. 36, f2: (Discoplea atmosphaerica; -S. astraea, v. spinulosa.) -

ASTRAEA, Grun. (E.) - V. 4. S. pl. 95f5; Lake Michigan; Cl. 139 Ip. 37;

Del. Syll. p. 1152; Herib. p. 193; Damp. p. 482: (Cyclotella; -S. Waltheri.) -

v. minutula, K. (-Grun., V. 4. S. pl. 95f7-9; Lake Michigan; Cl. 139 Ip. 37;

Wolle, II2f13; Del. S. p. 1152; a. cc. 1895: Herib. p. 193: (Cyclot. m.) ---

v. spinulosa, Grun. 1384p. 489-5f2; V. 4. S. pl. 95f6; Del. Syll. p. 1152;

(S. Aegyptiacus & Transylvanicus.)

BALTICUS, Schum. 1337p. 33-3f73; (S. dantzschianus.) -

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BEROLINENSIS, E. - Abt. Ber. 1345p. 30; K. S. A. p. 21; R. S. D. 1. 12;

Plut. p. 323; R. E. D. p. 33; Del. S. p. 1154;

BIHARENSIS, Pant. 2p. 114-13f229; Del. S. p. 1154;

BRAAPUTRAE, E. - Mik. 1. 129, 11. 35(A) - 9f9, 10; Plut. p. 324; M. D. 1. 4-122;

Schum. 1332p. 100-9f59; R. E. D. p. 33; Damp. p. 443; Del. S. p. 1151;

CARCONENSIS, Ent. - Cl. & M. No. 254; V. 4. S. pl. 95f11; Del. Syll. p. 1152;

Wolle pl. 66f26, 27; (Cosc. & Coscinoiscus.) --

v. minor, Grun. - V. 4. S. pl. 95f2;

v. pusilla, Grun. - V. 4. S. pl. 95f3, 4;

ELEGANS, Br. - Brun. & T. p. 56-4f9; Del. S. p. 1151;

EPIDENDRON, E. - Mik. p. 343; Del. Syll. p. 1154;

FOSSILIS, Pant. Ip. 67-22f193; Del. S. p. 1153;

DANTZSCHIANUS, Grun. - Herib. p. 193: --- Vnde S. dantzschii. ---

DANTZSCHII, Grun. - Rabb. Abt. No. 1101; Cl. & M. No. 253; V. 4. S. pl. 215-9 f10;

T. No. 432; Cl. 1330p. 115-7f131; Vega p. 439; Del. S. p. 1151;

(Cycl. operculata; -S. Balticus.) ---

v. pusilla, Grun. - Cl. 1330p. 115-7f132; Vega p. 439;

V. 4. S. pl. 95f11; Del. S. p. 1151;

DANTZSCHII, E. - Mik. p. 343; Del. Syll. p. 1154;

KANITZII, Pant. Ip. 67-14f123; 2, p. 114; Del. S. p. 1153;

f. major, Pant. Ip. 63-2f191; Del. S. p. 1153;

forma inermis, Pant. Ip. 63-13f113; Del. S. p. 1153;

f. parvula, Pant. Ip. 63-13f114; Del. S. p. 1153;



LINEATUS, E., Mik. pl. 33-13f22; Nora-P.p. 2f25; Schim. I3671.33-3f77;
M.D. pl. 43f27; wolle, 32f4; Det. Syll. p. II54; (Pleistophania ?)---
MAGNA, Girard Foss. p. I2-2f5;
MATRENSIS, Pantoc. 2p. II4-13f225; Det. S. p. II52;
(S. astraea, var.; -Coscinoideus subtilis, Neap.)---
MINUTULUS, K. -Kinnora; (S. astraea, v.)-
MINUTUS, Grun. -Cl. & M. No. 221; Sm. Sp. T. No. 501; wolle, 36f22-24;
Pant. 2p. II4; Det. S. p. II54; (Cyclotella rotula & spinosa.)---
NIAGARAE, E. -Abh. Ber. I3451.30; V.H.S. pl. 35A-7f21, 22; K.S.A. p. 21; R.E.D. p. 39; R.E.D. p. 33; Sm. Sp. T. No. 505; M.T.P. 4-1-2; V.H.S. pl. 97-10, 14;
Grun. I334p. 49-5f1; J.R.M.S. I335p. 41, 53; A.S.M. I335p. I39-141, en
Icons; wolle, 36f23, 29; A.M.M. J. I391p. 1f24; Det. Syll. p. II54;
(Cyclotella rotula & spinosa.)--- Oeotrup 1897p. 346.
NIDULUS, Brun & Temp. p. 57-8f10;
NOVAE-ZEALANDIAE, Cl. -N.L.K.C. p. 21-5f32; V.H.S. pl. 95f12;
Det. Syll. p. II53; (S. bellis, var.)---
OREGONIAE, O.L. Sm. Sp. T. No. 506; Det. S. p. II54;
PERAGALLI, Brun & Temp. p. 53-8f3;
PUNCTATUS, Grun. -Rattl. Rev. p. 531; (Coscino. lacustris & p.)
SINENSIS, E. -Mik. p. 144, pl. 31-7f7; Prit. p. 324; Schim. I357p. 30;
M.D. pl. 43f28; R.E.D. p. 33; Det. S. p. II54;
SYMBOLOPHORA, E., Mik. p. 343; Det. S. p. II54;
TRANSYLVANICA, Pantoc. 3p. -3f125; Det. Syll. p. II54;
(S. astraea, v. spinulosa.)
ZACHARIOESI, Brun. -Biolog. O'blatt. I394, No. 2; Det. Vol. 2, No. 201. I43;

STEPHANOGONIA. - (Ehr., 1844.)

ACTINOPTYCHUS, E. -Grun., V.H.S. pl. 33(3)f2-4; Atlantic City;
wolle, 37f6; Pant. 2p. 73-13f221; (Mastogonia.)--
ACULEATA, Pantoc. 2p. 73-13f221;
CALIFORNICA, Grun., V.H.S. pl. 33(2)f13, 19; wolle, 37f11, 12;
CINCTA, Pant. 2p. 73-9f16; Det. Syll. p. IO14;
DANICA, Grun. -Heuw. Vol. 6p. 146; J.Q.C. I371p. 169-13f4, 5; I337p. 71;
M.T.P. 4-1-II: Grun. I334p. 49-5f47; Det. S. p. IO14; (Pterothoea ?)--
POLYGONA, E. -Abh. Ber. I344p. 271; A.J.S. I3451.323-4f13; K.S.A. p. 20;
E., Mik. pl. 33-13f10; M.J. I360p. 63-5f3; Prit. p. 314-5f77; V.H.S. pl. 37f3;
V.H.S. pl. 33(2)f16; Atlantic City; Det. S. p. IO14; Pantoc. 2, p. 76;
Wolle pl. 37f8, 15, 16;
QUADRANGULA, E. -Abh. B. I344p. 271; K.S.A. p. 26; Prit. p. 314;
Det. S. p. IO14;
STRIOLATA, Pantoc. 2, p. 76-13f292; Det. S. p. IO14;
SZONTAGII, Pantoc. 2p. 73-13f294; Det. Syll. p. IO14.

STEPHANOPYXIS. - (Ehr., 1844.)

--, A.S., Atlas pls. I23f22; I30f30, 33;
--, A.S., Atlas I34f3; 202f6 = 2. new

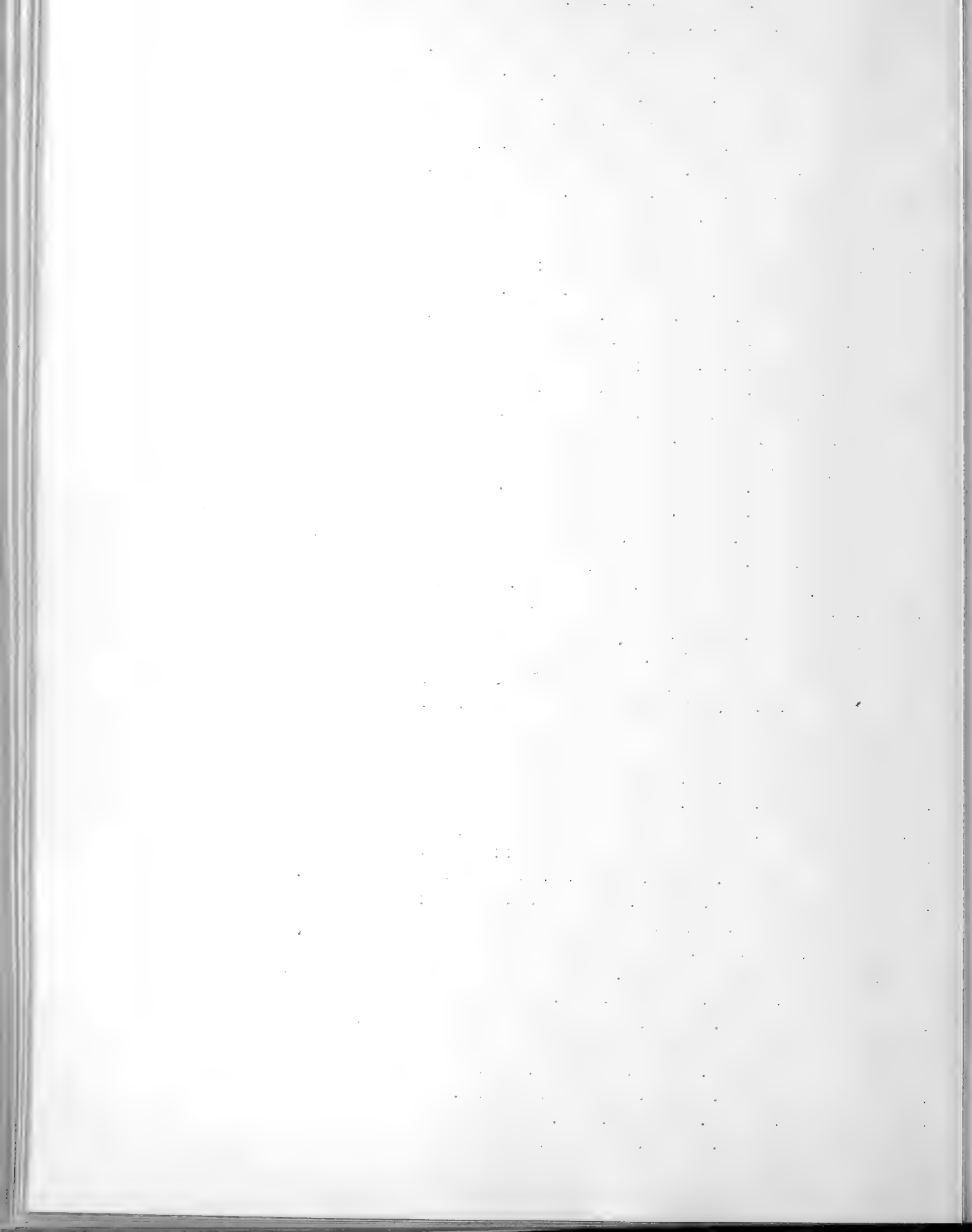
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- ACULEATA, E.-Abh.Ber.I344p.264; Grun.I334p.39; Wollé, 32f7;
 Malaisie: Det.Syll.p.II42; (Pyxidicula; -Systephania; -Arctia; etc.)
 * var., A.S., Atlas I30fI2;
 AMBIGUA, Grun.I334p.49; Det.S.p.II43; (Peristephania lineata.)-
 ANTIQUA, Pantoc.3p. -I9f230: Det.S.p.II43;
 APICULATA, E.-Mik.pl.I9fI3b; Plit.p.323; Grun.I334p.34; Atlantic
 City; Wollé, 32fI3; Det.S.p.II42; (S. bicornis; -Pyxidicula.)
 * v.bicornis, Grun.-DeToni, Syll.p.II33; (St.bic.)-
 * v.granulata, Grun.I334p.37; Det.Syll.p.II33;
 APPENDICULATA, E.-Abh.Ber.I355p.302; Mik.pl.I3f4; Plit.p.323;
 M.T.P.4-4-3,7; Wollé, 32fI2-I5; Pant.2p.II5; (Pyxidicula.)---
 * v.intermedia, Grun.-Atlas I30f3I, 35; Brun & T.p.73; Pant.2p.II5;
 * v.parvispina, Grun.-Atlas I30fI9, 22; Pant.2p.II5;
 * v.paucispina, Grun.-Atlas I30f20, 2I, 23-25, 32; Brun & T.p.73;
 * v.tenuispina, Grun.-Atlas I30fI6;
 ARCTICA, Grun.- (S.tarris, var.)
 ARISTATA, Brun I39Ip.57-3f7; Det.S.p.II45;
 BARBADENSIS, Grun.I334p.39; J.O.C.I337p.70; Atlas I30f5-I9;
 Det.S.p.II44; (Crasswellia.)---
 BICORNIS, Grun.-Cl. & M.No.273, 28; (S. tenuispina, v.)---
 BROSCII, Grun.I334p.99-5f30; Det.S.p.II4I;
 BRUNII, A.S., Atlas I64f5; Det.Syll.p.II46;
 CAMPANA, Castr.I337p.33-I9f4; Det.S.p.II33;
 CAMPEACHIANA, Grun.I334p.49; Atlas 35fI9, 20;
 Wollé pl.67f9, IO; (Endictya.)---
 CORONA, E.-V.I.S.pl.33(3)fIO, II; T.No.453; Grun.I334p.40; Brun & T.p.
 73; Atlas I23fIO-I7, I9, 20; I30fI3, I4, I6, I7, 36; Atlantic City; Pant.
 2p.II5; Wollé, 32fI, 6; 37f20; Det.S.p.II42;
 (St., Systephania & Pyxidicula diadema.)---
 * v.Munice, Grun.I334p.40; Det.Syll.p.II42;
 CRASSISPINA, Grun.-Atlas I30fII, 37; Wollé, 32fI3; (S. tenuispina, v.)-
 CRISTATA, E.-Mik.pl.18f6;
 CYLINDRICA, E.-Abh.Ber.I372p.214, 11.c-2fI;
 DELECTABILIS, Pant.2p.II5-29f403, 409; Det.S.p.II45;
 DIADEMA, E.-Mik.pl.I334p.40; Det.Syll.p.II42;
 EINOX, Grev.-Balis, Plit.p.323-5f75; Atlas I30fI5, 27; Grun.I334p.37;
 Wollé I33fI.3I-dfI6; Wollé, 32f5-7; J.O.C.I337p.70; Atlantic City;
 Pant.2p.II5; Malaisie; Det.S.p.II46; (Crasswellia.)---
 GROSSE-CELLULATA, Pantoc.Ip.44-20fI30; Notarisia I333p.543;
 Det.S.p.II40; (St.tarris, v.polaris.)---
 GRUNOWII, Grove & St.-Atlas I30fI-5; I34fIO; Brun & T.p.73;
 Det.Syll.p.II43;
 GYRATA, Pantoc.2p.II5-29f4I3; 30f422; Det.S.p.II44;
 HISPIDA, E.-Abh.Ber.I355p.302; Det.S.p.II47;
 HISPIDULA, Grun.I334p.44; Det.Syll.p.II44;
 HYALINA, Grun.I334p.34; Det.S.p.II47; (Lauderia annulata.)
 IRREGULARIS, Grun.-Cl. & M.257 sub; Det.S.p.II47; (Systephania.)---
 JOYNSONII, A.S., Atlas I23f9; Det.S.p.II46;
 KITTONIANA, Castr.I337p.37-9f5; Malaisie; Det.S.p.II46;



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- LIMBATA, E. - Mik. pl. I8f7; V. I. S. pl. 33(3) f13, 14; Atlantic City;
Wolle, 37f7; DeT. Syll. p. II44; (Pyxidicula.) --
- * v. *erista-galli*, Brun & T. p. 57-3f3; DeT. S. p. II44;
- MARGINATA, Grun. I834p. 36-5f17; DeT. S. p. II42;
- * v. *Californica*, Grun. I834p. 38; DeT. S. p. II42;
- MAXIMA, Pant. 3p. -26f334; DeT. S. p. II43;
- MEGAPORA, Grun. I834p. 87-5f24a, b; DeT. S. p. II40;
- NIDULANS, Brun. - Atlas I64f7; I80f26; DeT. S. p. II45;
- NIEJAHRI, E. - Abh. Ber. I872p. 214, pl. 2-6f2; (Cresswellia turris.) -
- PALMERIANA, Grun. I834p. 38; Atlas I23f1; Malaisie;
DeT. S. p. II41; (Cresswellia P)
- * var., A. S., Atlas I30f44; Malaisie;
- PERAGALLI, Brun I89Ip. 53-3f3; DeT. Syll. p. II45;
- PERMARGINATA, Grove. - Led. I89Op. 32-5f4, 5; DeT. S. p. II45;
- PULCHER, W. & C. 2p. 3-5f3; DeT. Syll. p. II45;
- RAEANA, Castr. - DeT. S. p. II46; (Systephanaria.) -
- RAPAX, Castr. I837p. 33-9f9; DeT. Syll. p. II46;
- ROBUSTA, Fortm. - Annal. Botan. Brit. I892p. 46-4f5; DeT. S. p. II46;
- RUDIS, Grev. - Grun., I834p. 37; Atlas I64f3, 9; Wolle, 62f2; 67f2I;
DeT. Syll. p. II43; (Coscinoideus; -Cresswellia.) -
- RUSSICA, Pantoc. 2p. II5-27f39I; DeT. S. p. II44;
- SPINOSISSIMA, Grun. I834p. 36; Atlas I23f13; Wolle, 34f5; DeT. S. p. II42;
- SUPERBA, Grev. - Grun. I834p. 37; Atlas I23f3-8; Wolle pl. 34f3, 9;
Malaisie; DeT. S. p. II43; (Cresswellia.) -
- TURGIDA, Grev. - Ralfs, Prit. p. 826; Grun. I834p. 37; Wolle, 66f1, 2;
DeT. Syll. p. II41; (Cresswellia.) -
- * v. *Javanica*, Grun. I834p. 38; DeT. S. p. II41;
- TURRIS, Grev. - Ralfs, Prit. p. 826-5f74; Carr. p. 92; Sm. Sp. T. 507; V. I. S.
pl. 33(3) f12; Atlas I30f34, 42, 43; Grun. I834p. 37; Castr. I837p. 33; Wolle
66f3, 4; Villef. p. 73; Atlantic City; Pant. 2p. II6; DeT. S. p. II38;
(Cresswellia; -Pyxidicula weisseana; -St. appendiculata, cylindrica &
Niejahrii.) --- J. Q. C. - 87p. 70:
- * forma nuda, Pantoc. Ip. -23f206;
- * v. *Arctica*, Grun. I834p. 87-5f13, 20-22; Brun & T. p. 73;
DeT. Syll. p. II40; (St. Arctica.)
- * v. *Arctica*, forma *inermis*, Pant. 2p. II6; DeT. Syll. p. II40;
- * v. *brevispina*, Grun. I834p. 37; J. Q. C. I837p. 70; DeT. S. p. II39;
- * v. *crassispina*, Grun. I834p. 38; DeT. S. p. II39; (St. crass.) ---
- * v. *cylindrus*, Grun. I834p. 35-5f7-17; Witt I835p. 31;
Pant. 2p. II6; DeT. S. p. II33;
- * v. *cyl.*, forma *inermis*, Grun. I834p. 85; Pant. 2p. II6; DeT. S. p. II39;
- * v. *dubia*, Grun. I834p. 38; DeT. S. p. II39;
- * v. *intermedia*, Grun. I834p. 38-5f15, 16; DeT. Syll. p. II39;
Pant. Ip. I66-23f203; 24f215;
- * v. *longicorris*, Grun. I834p. 86; DeT. S. p. II40;
- * v. *longispina*, Grun. I834p. 37; DeT. Syll. p. II39;
- * v. *minor*, Grun. I834p. 38; DeT. S. p. II39;
- * v. *paucispina*, Grun. I834p. 87; DeT. Syll. p. II39;
- * v. *parvispina* Grn. I834p. 88-57-7:



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- TORRIS, v. polaris, Grun. I334p.37-5f19, 23, 25; Witt I335p.31;
 Pant. 2p. I13; Del. Syll. p. I140; (St. p. 1335-cellulata.) ---
 v. Simbirskiana, Grun. I334p.38; Del. S. p. I139;
 v. subcontracta, Grun. -V. A. S. pl. 33(3)f12;
 v. subcylindracea, Grun. I334p.38; Del. S. p. I139;
 v. subsphaerica, Grun. I334p.38; Del. S. p. I139;
 v. valida, Grun. I334p.37; Del. S. p. I140; Jac 87p.70;
 VASTA, Pant. 3p. -30f437; Del. S. p. I147;
 WEISSLOGII, A. S., Atlas I23f12; Brun & T. p. 74; Del. Syll. p. I146;

STEPHANOSIRA. - (Ehrh, 1842)

- CAROLI, E. -Mik. p. 361; --- Del. Syll. p. I353. ---
 EPIDENDRON, E. -Mik. p. 303; Abh. Ber. I37Ip. , pl. 2a, f12-16; R. S. D. p. I4; Prit. p. 323; Deny Diat. Terr.: -(Melosira Rossiana, v.; -Stenodonta.) -
 EUROPAEA, E. -Rab. S. D. p. I4; Prit. p. 323; ??
 HAMADRYAS, E., Abh. Ber. I343p. 219; I37Ip. , pl. 2a, f17-20;
 R. S. D. p. I4; Prit. p. 323; (Mel. Rossiana, var.) -
 MISSISSIPPICA, E. -Mik. I356p. 33;

STICTODESMIS. - (Fensholt, 1883)

- AUSTRALIS, Grev. -Trans. Bot. Soc. Edinburgh, I333p. 535-5f1-4; J. Q. C. I337p. 73; Malaisie; Del. Syll. p. 312; (Climacopsis Frazerfeldii.) ---
 BRASILIENSIS, --- Del. Toni, Syll. p. 312; (Nav. scopulorum.) ---
 CRATICULA, H. L. Sm. Sp. T. No. 508; Wille pl. 69f11; Del. S. p. 313; (Craticula Ehrenbergii; -Nav. ambigua, v.; -Sagittella.) ---
 ELEGANS, H. L. Sm. Sp. T. No. 509; Del. S. p. 313;
 FEBIGERI, --- Del. Toni, Syll. p. 313; (Nav. cuspidata.) ---

STICTODISCUS. ---

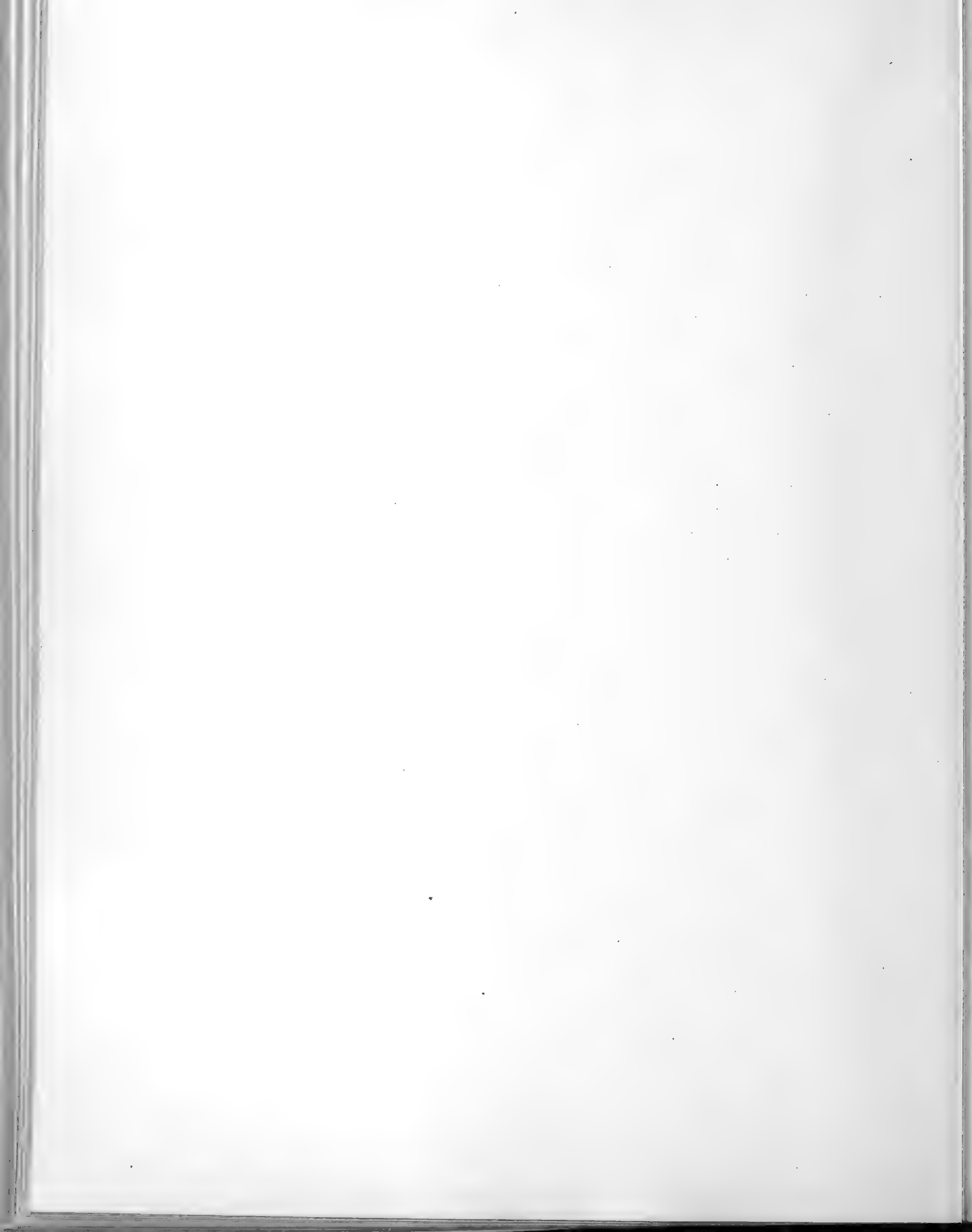
- , A. S., Atlas 74f13-15, 21-23; I47f3;
 ---, Pant. 3pl. 29f427; -(St. tuberculatus.) -
 ---, Wille pl. 65f13-15;
 ADSPERSUS, Witt I333p. 20-5f13, 16, 18; 3f6; Del. S. p. 1321; -(Tridactylum.)
 AFFINIS, Castr. I337p. II9-I4; Notar. I339p. 695; Del. Syll. p. I316;
 v. vars., Castr. I337p. II9-I6; I7f3;
 v. late-zonata, Castr. I337p. II9-I7f11;
 ANCEPS, Castr. I337p. II6-I5; Notar. I339p. 695; Del. S. p. I315;
 ANDERSONI, Cl. -N. L. K. D. p. 24-6f69; Del. Syll. p. I322;
 ANGULATUS, Grun. -M. T. P. 4-I-I2; J. Q. C. I37Ip. I63-I3f1, 2;
 Del. S. p. I322; (Pseudostict.)
 APPENDICULATUS, Grun., V. A. S.; -Malaisie; -(Actinocyclus & stictodisc.)
 ARCUS, A. S., Atlas 74f12; Del. S. p. I318;
 BICORNATUS, Castr. I337p. I20-6f5; Not. I339p. 730; Del. S. p. I320;
 v. punctigera, Castr. I337p. I21-I3f2; Del. S. p. I320;
 BIFURCATUS, Bergon. - (St. multifurcatus.) -
 BORYANUS, Pant. 2p. II2-25f371; Del. Syll. p. I317;
 BURYANUS, Grev. -T. M. S. I331p. 40-4f1, 2; Witt I333p. I9-5f1-5, 5, 6;
 Atlas I31f3; Del. Syll. p. I313;
 v. grandis, Witt I333p. I9-5f15; Del. Syll. p. I314.



STICTODISCUS.--

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- CALIFORNICUS, Grev.-T.M.S. I331p.77-10f1; Atlas 74f4,5; Witt I335p.31-3f5; Sci.Goss.I335p.135 enr. icones; Wolle, 75f5,3,3; Pant.21.112; Det.Syll.p.I315; (Cosmopolitensis & Triceratium [alma])
- forma trigona, Pantoc.Ip.63-23f273; Notarisia I331p.324; (St.Cal.)- Det.S.p.I315;
- vars., A.S., Atlas 74f9,10: I47f10;
- v. areolata, A.S., Atlas 74f1; I316p: J.O.C. I335p.173; I337p.33;
- v. costata, A.S., Atlas 74f3,7; Wolle, 75f7;
- v. Nankooensis, Grin. I331p.103-12,113; Atlas 74f2,3; Grevillea Vol.Ip.93-3f3a,b; Pant.Ip.33-3f49; 7f53; Det.Syll.p.I315; (St.multifurcatus.)----
- v. nitidus, Grove & Start.-J.O.C. I337p.33-5f7; (St.nitidus.)-- Notar. I337p.350;
- CARIBICUS, Witt I333p.20-5f14; Det.Syll.p.I319;
- CONFUSUS, Witt I333p.21-3f7; Det.S.p.I319;
- CRENATUS, Grin. I334p.70-2f33; Det.S.p.I313;
- CROZIERI, Kitton.-M.M.C. I373p.205-33f2; Det.S.p.I322;
- DIVES, Grev.-T.M.S. I331p.41; Det.Syll.p.I314; (Actinoptychus; -Cyclotella discoplea.)-
- ELABORATA, Witt I333p.21-4f23; Det.S.p.I319;
- ELEGANS, Castr. I337p.121-13f3; Notar. I339p.730; Det.S.p.I319;
- ESTERGALYENSIS, Pant.Ip.39-27f253; Notar. I331p.325; Det.S.p.I317;
- EULENSTEINII, W. & C. I. 5-1f7; Castr. I337p.117-1f7; Det.S.p.I322; (Pseudo-st.; -Triceratium)
- Witt I333p.21-5f12;
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Q.C.1370p.40; Eiben, 1871; Pet. liste 1.23; Sn. Sp. 1. Nos. 527, 528; Atlas

25142-43; U.I.P.-I-10, 20; *Abstract, Cassel*; V.I.S.: 1.75, 9, 10, 14; Italy;

Gallin, Peter; Bellor, Lichon: 10ff

Wollz, 53f I3, I9; 53f3: Part. 24. 39:

(*Frustulia subquadrata*; -*S. ovalis*, W.S.

var. *n* pinnate, w.S. - Grm. [352] .450:

var. *g. pauciformis*, W.S.-Gran. 13624.450:

Enobilis, Tolala p. 1138 19f. ; fortm. D.M. p. 20:

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- MISSISSIPICA, E.-Mik. pl. 35A-3f5; Prit. p. 797; R.E.D. p. 59; Wollé, 53f5;
 MOLLERIANA, Grun.-M.T.P. 2-3-4; Atlas 23f36, 37; 53f21-23;
 Wollé, 52f14, 15;
 MULTICOSTATA, Fortm. Cey. p. 43-3f40; Castr. I337 p. 61-10f5; -(S. Castr.)--
 MULTIFRONSATA, K.B. p. 30-3f17; K.S.A. p. 35; R.S.D. p. 29-3f11; S. A. A.,
 Duren; Neupauer p. 199-3f76; Hoff. Marb.;
 (Cymatopleura; -Frustulia; -Nitzschia linearis & stagnanum; -Synura.)--
 MYODON, E.-Amer. p. I36, pl. 3-1f21; Mik. pl. 34-3f13; K.B. p. 30-23f24;
 K.S.A. p. 34; R.S.D. p. 31-3f1; (Campylodiscus m.)--
 NAVICULARIS, Breh.-K.S.A. p. 36; -(Nitzschia; -Trybl. marginata & n.)--
 NEUMAYERI, Jan.-Atlas 53f1; Pant. 2p. 70; (Plagioliscus.)----
 NEUPAUERI, Pant. 2p. 70-1f17;
 NICOBARICA, E.-Mik. p. I63; Prit. p. 793; (Sariraya.)
 NOBILIS, S.B.D. p. 32-3f63; Mull: R. Alp. No. I439; Prit. p. 795; R.E.D.
 p. 55; Carr. p. 33; Bleisch, I353; Mull: Grun. I362 p. 453; Kinnora; Italy;
 M.T.P. 2-2-15; Kirch. Alp. Schl. p. 200; Wollé, III f11; -(Novilla; -S. Bonista
 NORICA, E.-Brun. Alp. p. 101-1f13, 17; 9f30;
 (Campylodiscus N., punctatus, radicans; -Cyclotella helvetica.)----
 v. costata, Brun. Alp. p. 101-1f16b; (Campyl. Nor.)--
 NORVEGICA, Eil.-M.T.P. 2-2-3 to 6; Atlas 21f17; Lake Michigan;
 Wollé, 53f4, 5; Herib. p. 176;
 NOTABILIS, Fortm. Cey. p. 44-4f46; (Sariraya.)--
 OBLONGA, E.-Amer. pl. 1-4f4; Mik. pls. 2-3f15; 15(A) f43; 17-2f1; 30-12f
 26; K.B. p. 31-29f33; K.S.A. p. 35; R.S.D. p. 29-3f14; Prit. p. 795; Grun.
 I362 p. 451; R.E.D. p. 59; Atlas 22f6-8; 21f16; M.T.P. 2-2-14;
 Wollé, 53f12, 13; Mm. Dec. 42 p. 337; (Sar. bellis.)--
 OBTUSANGULA, Rabh. S.D. p. 29-3f27; Prit. p. 795; Grun. I362 p. 451; R.E.D.
 p. 56; Hoff. Marb.; Spamer. Duren; (S. microscopa, p. p.)--
 OCELLATA, Castr. I337 p. 60-10f7; Notar. I339 p. 397;
 OOPHENA, E.-Amer. p. I36, pl. 3-5f1; Amazon:-(Cymatopleura & S. elliptica.)--
 OPULEMIA, Grun. I362 p. 461-II f10; R.E.D. p. 53; Italy:
 J.Q.C. I335 p. 167; Fortm. D.M. p. 20; (S. fastuosa, v.)
 ORBICULARIS, Cl. Vega p. 513-33f79; (Campylodiscus; -Sariraya)
 OREGONICA, E.-Abh. Ber. I345 p. 31; Mik. pl. 33-12f27; K.S.A. p. 35; Prit.
 p. 794; Atlas 22f9; Lake Michigan; Wollé, 55f3;
 ORNATA, K.B. p. 32-3f54; K.S.A. p. 39; Prit. p. 793; Italy:-(Scoliopterna.)
 OVALIS, Breh. Cons. p. 17; K.B. p. 31-30f64; K.S.A. p. 33; A.V.N. 1. I331, II;
 Marissal p. 14; R.S.D. p. 30-3f24; S.B.D. p. 33-9f63; Mull; R. Alp. No.
 1004; weisse I360 p. 361-3(2)4; Prit. p. 796; Grun. I362 p. 453; Schum. 1.7.
 p. 57; Carr. p. 33; Hull; R.E.D. p. 56; Eiben, I371; Peicino p. 3-2f1, 2;
 Spamer, Duren; M.T.P. 2-1-13; Hoffmann, Marb.; Atlas 26f64, 65; 24f1-6;
 Italy; Petit liste p. 23; Class. f16; T.V.S. I377 p. -I37f13; Carr. p. 1.
 40; Sm. Sp. 1. No. 529; Ebert, Cassel; Brun. Alp. p. 93-2f3; Wollé, 50f7, 3;
 V.H.S. p. 193-73f2; T. No. 425; Herib. p. 174; (S. 37;
 (Podocystis & S. Adriatica; -S. Geroltii.)
 vars., V.H.S. pl. 73f3, 4; Sm. Sp. 1. No. 530;
 v. angusta, -V.H.S. p. 139; T. No. 430 s10; (Sar. 21.)--
 v. erumena, -V.H.S. p. 138; T. No. 421;

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- var. Kotschyana, Grun.-Atlas 53f20;
- var. marina, Grun., 1332p.459;
- var. maxima, Grun. 1332p.459-10f10;
- var. minuta, -V. i. S. p. 139; T. No. 423; (Sur. min.)-
- var. ovata, Breb.-V. i. S. p. 133; T. No. 426; (Sur. ov.)-
- var. pinnata, w. S.-V. i. S. p. 139; T. No. 429; (Sur. pin.)-
- var. salina, w. S.-A. H. S. p. 139; T. No. 431; (Sur. sal.)-
- OVATA, K. B. p. 32-7f1-3; E. Abh. Ber. 1344p. 341; Mik. p. 33A-13f10; S. i. S. p. 133-9f70; Prit. p. 79; R. Alg. Ent. No. 333; Grun. 1332p.459; R. E. D. p. 57, f12a: Bleisch, 1333; Lew., ~~1333~~ 1333-1f3; Eil. Sp. T. No. 33; Can. p. 33; New Zealand; Roger, 1843; Mill: Eilm., 1371; Dupet 1379p. 2-1f7, 3; Cl. 1373p. 10; V. i. S. p. 431; 1391. 53; Ital.; Petit liste p. 23; L. p. 1373p. 25; Lake Michigan; Atlas 23f49-55: Delon; Can. p. 33; Brun Alp. p. 93-2f2; Sm. Sp. T. No. 531; V. i. S. p. 423; Prolins p. 70; T. i. S. p. 1333p. 22; Ballo, Lichon; Wollé, 53f15, 16; Kirch. Alg. p. 201; Herib. p. 175; Fortm. D. M. p. 20; Dammf. p. 40; B. H. 77 (Novilla; -- Podosp. o. & obellata; -S. minuta-ovalis, v. -pinnata, v. -S. caeca.)
- vars., H. V. H. S. pl. 73f5-7;
- forma sporangialis, Lewis, N. & R. S. p. 33-1f3;
- var. aequalis, K. B. p. 32-7f14. (V. i. S. p. 431) --- (Sur. card.)----
- var. cardinalis, Witt.-B. S. B. 1379p. 7;
- var. intermedia, R. Alg. Ent. No. 342; R. E. D. p. 57: Italy;
- var. minor, A. L. Sm. Sp. T. No. 532; V. i. S. p. 427;
- var. minuta, Brun Alp. p. 93-2f1; Kirch. Alg. Schl. p. 201; Herib. p. 175; (S. min.)--
- var. ovalis, Kirch. Alg. Schl. p. 201; (S. ovalis)
- var. pinnata, w. S.-Brun Alp. p. 93-2f5; Herib. p. 175; Kirch. Alg. Schl. p. 201; (Sur. pin.)-
- var. salina, w. S.-R. E. D. p. 57; Italy; Braq. p. 67; (Sur. sal.)-
- var. Utahensis, A. S., Atlas 24fII-13;
- OVUM, Nag. -K. S. A. p. 339; R. E. D. p. 53: -(Ocnato) Isma o. & elliptica.)----
- PACIFICA, A. S., Atlas 4f13, 19; (Suriraya; -S. lata, v. robusta.)-
- PALA, Meneg., A. M. D. p. 399; Atti Venez. I, 1344p. 102; (S. Meneg.)-
- PALMERIANA, Grev.-A. M. N. i. 1355p. 4-5f7; (Suriraya.)
- PANDURIFORMIS, Rabh. S. D. p. 29-3f9; (S. diadema.)---
- PANDURIFORMIS, w. S.-S. i. S. p. 33-30f23; Prit. p. 79; R. Alg. No. 934 81; Grun. 1332p. 460; Mill; R. E. D. p. 52; Sm. Sp. T. 533; Amazon; V. i. S. p. 73fII: T. No. 430; Wollé, 53fII: (S. calceolus, var., & minuta, var., & pinnata.)
- PARADOXA, E.-Abh. Ber. 1344p. 33; K. S. A. p. 39; Italy; (Suriraya; -Zygoceros.)---
- PATELLA, K. B. p. 31-7f5; K. S. A. p. 37; Prit. p. 79; Grun. 1332p. 451; Petit liste p. 23-1f4; Atlas 23f32; M. T. 2. 2-3-5; T. M. S. 1379p. 1331; Pant. 2, p. 70; Herib. p. 175;
- PATENS, A. S., Atlas 4f13, 17; Fortm. Cey. p. 41; Cl. 1373p. II: Malaisia;
- var., A. S., Atlas 53f10, II; Fortm. Cey. p. 41; Malaisia;
- PARVULA, Floegel, Baltic; (Campyloisous.)
- PERUANA, E.-Mik. pl. 39-1f31; (Suriraya p.)--

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- VIANA, E., Amer.p.136, pl.2-3f4c; K.B.p.61-29f72; K.S.A.p.37;
 .D.p.30-3f19; Prit.p.797; Grun.13621.451: (Siriraya.)--
- ATA, Sm.B.D.Ip.34-9f72; Prit.p.797; Rabh.Alg.Eur.No.1103; Hall;
 n.13621.460; Carr.p.33; Roper, Thames; Schum.13671.57; R.E.D.p.59;
 Sp.1.534; Petit liste p.23; V.H.S.pl.73f12; T.No.429; Bellec, Luc;
 ly; Perag.p.67; Celogus; -(S.minita, v., & paralleliformis; -Novilla.)--
- AGEA, E.-Mik.p.254; Prit.p.798: (Siriraya.)--
- ATA, E., Abh.Ber.13421.667; Mik.pl.15(A)1515/wetters 13641.107-111;
 p.133Ip.363, f192 sub: (Cymatopleura hibernica,
 iptica, v., & nobilis; -S.elliptica, ophaena, undata, undulata.)----
- ODON, E.-Mik.p.373; Prit.p.798:
- CLARA, A.S., Atlas 2If2: (Siriraya f.)--
- TEXTA, E.-Abh.B.1345p.365; K.S.A.p.33; Prit.p.796:
- ERA, E.-Mik.pl.14f33; Prit.p.795: Italy: (Craticula.)--
- LI, Solbeirer 13531.31-1f3, 4; (Siriraya.)--
- HELLA, Breb.Cons.p.17; Malaisie:
- HERRIMA, O'M.-M.S.13371.117-5f10: (S.lata, v.)
- HERA, Lewis, ~~N. 1861~~ 1.62-1f1; Wollé, 1877:
- TATA, Schum.13621.135; Atlas 56f7: (S.fastuosa, v.)
- AEA, E.-Mik.pl.35A-3f4; R.E.D.p.59: (S.subsalsa.)--
- FORMIS, Wotton.-Atlas 24f14; Sm.Sp.1.700:
- NERENSIS, Grun.1362p.453-9f10; R.E.D.p.54; Italy;
 econcis lobata ~~Grun.1362p.453-9f10~~ *Fatm, A.M. p.20*:
- OSA, Grunow.-Cl. & M.No.145: (Siriraya.)--
- RAYI, A.S., Atlas 26f13-2f; Wollé, 59f10;
- DENS, A.S., Atlas 19f2-4; 24f28; Wollé, 53f3, 8: (S.fastuosa, v.)
- NA, Jan.-Atlas 2If5; Wollé, 55f7; Hoffmann, Marburg;
- LA, E.-Amer.p.136, pl.3-5f3; Mik.p.75; K.B.p.60-23f30; K.S.A.p.35;
 .D.p.29-3f6; Ebert, Cassel; (Cymatopleura r. & parallelata.)--
- FORMIS, ???
- BOIDEA, E.-Abh.B.1344p.33; K.S.A.p.33; Italy;
- ALA, E., Mik.p.193, pls.30-1f19; 35A-10f3; Prit.p.793; R.E.D.p.59;
- STA, E.-Abh.Ber.1340p.215; ~~M.1341p.20~~ Mik.pls.11f31; 15-3f31; 17-
 4; 17-2f1; K.B.p.61; K.S.A.p.37; Prit.p.795; Atlas 22f3; V.A.S.
 87-71f1, 2; T.No.413; M.T.P.2-2-16: Wollé, 54f3; Cl.139Ip.57;
 ib.p.130: *Q.ell.* 45p.25: (Siriraya; -S.nobilis.)--
- r., A.S., Atlas 22f4;
- splendida, V.H.S.p.137; T.No.422; (S. & Nav.sp.1., p.1.)
- tenera, V.H.S.p.137: (Siriraya.)--
- ODA, Pant.1.40-13f15; Notul.13331.543; Pant.2p.70-1f4; ~~S.13331.543~~
- minor, Pant.2p.70-1f13;
- NA, W.S.-A.M.N.H.135Ip.12-5f3; S.B.D.Ip.34-9f71; Prit.p.797;
- , ~~M.13331.543~~ 1.70; Carr.p.33; Schum.13671.52; Roper, Thames; Hall;
 .D.p.57; Atlas 26f31; Dannf.p.40; V.A.S.pl.73f13; T.No.431;
 ly; Herib.p.175; (S.ovalis, v.)--
- A, W.S.-
- r.hungarica, Pant.3p. -22f325;

Splendens, S. a. 1870 = 1871

" var. minima, Oestrup Mar. D. pl. 68: 1897 p. 334:

" v. aculeata, Bib. - J. G. C. 1870 p. 39: 1871

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- SAXONICA, Aversw. in Rabh. Alg. No. 1421; R. B. D. p. 53; Atlas 22f1, 2; Cl. Vega p. 492; Italy; Kirch. Alg. Schl. 1. 201; M. T. P. 2-2-10; Hille, 3014; Herib. p. 176; Lake Michigan; (S. elandensis-seriata.)--
- SCHMIDTII, Witt.-Atlas pl. 5f2; (S. Lorenziana.)---
- SEMIPUNCTATA, Fortm. Cey. p. 43-4f41; (Suriraya.)--
- SEPTENTRIONALIS, Cl. -L. D. Vol. 2, No. 22p. 219;
- SENTIS, A. S., Atlas 19f9-11; Wolle, 54f4;
- SIBIRICA, E. -Mik. p. 77; Prit. p. 793;
- SICULA, E. -Abh. Ber. 1344p. 33; Mik. pl. 22f53; K. S. A. p. 36; Italy; Prit. p. 793; (Amphitetras; -Navicula; -Suriraya.)-
- SIGMOIDEA, E., Amer. pl. 3-3f9; Mik. pls. 35A-7f24; 35A-13a, f6; 37-1f24;
- SIGNATA, Pant. 3p. -39f544;
- SLESVICENSIS, Gran. -M. T. P. 2-2-7; (S. elephas.)---
- SMITHII, K. -Ralfs, Prit. p. 794; Gran. 1352p. 455; R. B. D. p. 52; Cl. Vega p. 431; (S. constrictum & decorum)
- SOLEA, Breb. Cons. p. 17; K. B. p. 60-3f61; K. S. A. p. 34; R. S. D. p. 23-3f7; K. & Z. p. 15-1f11; Marissal p. 13; weisse 1334p. 330-4f16; Hoffmann, Marb.; Ebert, Cassel; Spamer, Duren; (Nav. & Sphinctocystis limilis)
- SPECIOSA, E. -Abh. Ber. 1372p. 131; (Suriraya.)-
- SPIRALIS, K. B. p. 60-3f64; K. S. A. p. 34; R. S. D. p. 31-3f5; Hoffmann, Marb.; Hedw. 1366p. 15f10-16; M. M. J. 1373p. 165; Pet. liste p. 23; Bran. Alg. p. 102-1f15; Atlas 56f25, 26; V. L. S. p. 139-74f4-7; 1. 434; Bellon, Liebon; Spamer, Duren; Perag. p. 37; Wolle, 53f12, 13; Herib. p. 131; (Campylodiscus; -S. contorta (Breb.) -flexuosa & lata.)---
- SPLENDIDA, E. -Herib. p. 133; Abh. Ber. 1354p. 113; 1370p. 1. 3-2f6; Mik. pls. 2-3f16; 4-2f17; 5-1f22; 14f35; 15(A)f44; 35A-1f3; K. B. p. 32-7f9 & K. S. A. p. 39; A. M. N. 1. 1351p. 9-2f2; R. S. D. p. 30-3f22; S. B. D. p. 32-3f62; Mull.; Desmaz. I, No. 1455; 2, No. 1055; R. Alg. Nos. 1201, 1521 sub; Prit. p. 795-9f150-152; Mull.; weisse 1330p. 359-1f20 = 1334p. 107-1f9; Gall. p. 37; New Zealand; Gran. 1332p. 457; Arenig Bach; Nylander, w.: R. B. D. p. 54; Ebert, Cassel; Macdonald pl. 10f13; Gallia, Papan; M. T. P. 2-2-9; Sp. 1. 535; Atlas 22f15-17; Hille; Bran. Alg. p. 99-2f8; Italy; Trazen 1379p. 52f31; Petit liste p. 23; Lake Michigan; V. L. S. p. 1. 72f4; 1. 422; Cl. 1331p. 11; 1391p. 57; Brägger p. 231; Kinnora; A. S. M. 1333p. 2; 1337, pls. 2, 3; Hoffmann, Marburg; Gerling pl. 1f7; Kirch. Alg. Schl. 1. 200; Spamer, Duren; Perag. p. 37; Wolle, 1f5-6; 54f5-7; A. M. N. 1. 1391p. 1. 1f4; Herib. p. 175; (S. S. latulata; -Navicula; -Novilla; -Suriraya; -S. robusta.)----
- var. "b" linearis, W. S. -Ralfs, Prit. p. 795; (S. lin.)--
- v. minuta, Herib. p. 176;
- v. Norvegica, -Bran. in Petit, 1333; (S. Norv.)-
- SPLENDIDO-SERIATA, Bleisch, 1363p. 73; (S. Saxonica.)--
- STELLA, E. -Mik. p. 152; Prit. p. 793; (Suriraya.)-
- STRIATA, Fortm. Cey. p. 42-3f37(2); (Suriraya.)
- STRIATULA, Turin, Memoires Mus. Paris 1323 Vol. 16; Diet. Vol. 51, 50p. 151; E. -Herib. p. 137; Mik. pl. 10-2f10; K. B. p. 32-7f9 & K. S. A. p. 39; Desmaz. I, No. 1455; R. S. D. p. 30-3f23; A. M. N. 1. 1351p. 10-3f1; R. Alg. No. 742; S. B. D. p. 32-9f34; Front.; Prit. p. 793-9f137, 133; Gran. 1332p. 457; Mull;

1. *Desmodium* - 17/1/19

- *Tortia*, 1900. - K. & A. p. 60 (1. & 2. x 1000)

+ *Desmodium*, 17/1/19:

St. *Desmodium* - 17/1/19

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Lewis, ~~1861~~ 1870; Carr. p. 37; R.E.D. p. 55; Grun. 1870 p. 24; Elench. 1871; Lagr. 1876 p. 25; Italy; Dannf. p. 39; Hoffmann, Marb.; M.T.P. 2-3-I; Atlas 24ff 17-22; Dittel 1870 p. 2-If 1; Sm. Sp. T. No. 533; Spamer, Duren; Carr. p. 37; V.H.S. 1. 187-72f5; T. No. 423; Malaisia; Wollf, 55f9; Grun. 1871 p. 75-8f5; Part. 2, p. 70; Cl. 1891 p. 57; Grun. p. 173; (Navic.: -Novilla; -S. antiqua-arcula-embrata-testudo-veris; -S. miraya.)-

• v. bicipitata, Grun. - V. H. S. p. 187-72f5;

• v. brevis, E. - De Toni Syll. p. 573: -(S. miraya; -S. brevis.)-

• v. Gautieri, Her. & Br. - Herib. p. 173-If 10;

STYLUS, E., Abh. Ber. 1840 p. 271; Prit. p. 793;

SUBALPINA, Conkin. - M. J. 1839 p. 292-13f2;

SUBFASTUOSA, Pantoc. 3p. - 33f530;

SUBSALSA, W. S. - S. B. D. p. 34-3If 259; Prit. p. 797; Carr. p. 37; R. E. D. p.

56; Sm. Sp. T. 526 sub: Pant. 2p. 70;

(S. miraya; -S. pyramae)

SUECICA, Grun. - V. H. S. pl. 73f 19; Italy;

SUEVICA, Zeller. - Rabh. Alg. No. 1045; Atlas 23f56-60;

Sm. Sp. T. No. 537;

(S. ovata, v.)---

SUPERBA, Grev. - Trans. Bot. Soc. Ed. 1863 p. 433-3f 1, 2; Sm. Sp. T. 533;

TENELLA, V. S. A. p. 37; R. S. D. p. 29; Prit. p. 795; R. E. D. p. 54;

Spamer, Duren;

(S. linearis.)--

TENERA, Greg. - M. J. 1853 p. 10-If 33; Prit. p. 795; Carr. p. 37; R. E. D. p. 55;

M. J. 1839 p. 293-13f3; New Zealand; M. T. P. 2-2-II; Atlas 23f 7-9; Sm. Sp.

T. 539; Amazon; Wilford; V. H. S. pl. "C" f 39; Malaisia; Grun. p. 181;

(S. miraya; -S. Barroweliffii, diaphana & robusta, var.)--

• var. fossilis, Pant. 3p. - If 173;

• v. nervosa, A. S., Atlas 23f 15-17; M. T. P. 2-2-12;

• v. splendens, A. S., Atlas 23f 4-5; Herib. p. 176+

TESTUDINELLA, E. - Mik. 1853 p. 72;

(S. miraya.)-

TESTUDO, E. - Abh. Ber. 1840 p. 24; 1839 pl. I "C" f 4; 1870 p. 1.2-If 5;

K. B. p. 62; K. S. A. p. 39; Prit. p. 793;

(S. striatula.)--

THAIIANA, Cast. 1837 p. 31-19f3;

THERMALIS, K. B. p. 50-3f 45; K. S. A. p. 35; Weisse 1850 p. 261-2f "v";

R. S. D. p. 29-3f 10;

(Cyratop. l. 1; --

Cymbella minor; -Nitzschia; -Nav. umbonata & s.; -Pinn.; -Synedra.)--

THURINGICA, Nitzsch. - M. T. P. 2-3-7, 8;

(S. linearis, v.)-

TORQUATA, Pant. 3p. - 4If 570;

(S. miraya.)--

TOULUAE, Pant. 3p. - 33f 537;

TRANSYLVANICA, Pant. 3p. - If 1;

TRISCALARIS, Brun 1891 p. 43-14f 4;

(S. japonica, var.)---

TUBULATA, A. S., Atlas 2If 15; Malaisia;

TURGICA, S. B. D. p. 31-9f 50; Prit. p. 795; R. E. D. p. 55; Ill.; Atlas pl.

22f 10; Wollf, 55f 9; Cl. 1891 p. 57; Grun. p. 173;

(S. japonica.)--

UMBONATA, Rabh. S. D. p. 29-3f 10; Weisse 1850 p. 261-2f 25;

Hoffmann, Marburg;

(S. thermalis.)-

UNCATA, E. - Inf. p. 187; Mik. pl. 33-If 20; (Cyratop. l. 1; --

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 35 11-13, 53; Prit. 2. 1. 71; Det. Syll. 1. 1005; (~~Chattanooga~~)
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 173f13; Det. Syll. 1. 1009;
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AMPECTENS, Grove & Stunt.-Grin., in Botan. Centol. 1335;
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 10; Italy; Hoff. Marb.; Spamer, Gießen; (S. acis, (K7.) var.)--
 * v. tenuissima, OPM. I.D. 1. 300; (Syll. 1. 1009)
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Spain, Diller; (Microchila, v. I. S. No. 310)
USIDIDUM, K. B. p. 34-30f33; V. I. S. No. 311; Grin.-V. I. S. No. 311;
Spain, Diller; 10ff. 311; 312; 313; 314; 315; 316; 317; 318; 319; 320; 321; 322; 323; 324; 325; 326; 327; 328; 329; 330; 331; 332; 333; 334; 335; 336; 337; 338; 339; 340; 341; 342; 343; 344; 345; 346; 347; 348; 349; 350; 351; 352; 353; 354; 355; 356; 357; 358; 359; 360; 361; 362; 363; 364; 365; 366; 367; 368; 369; 370; 371; 372; 373; 374; 375; 376; 377; 378; 379; 380; 381; 382; 383; 384; 385; 386; 387; 388; 389; 390; 391; 392; 393; 394; 395; 396; 397; 398; 399; 400; 401; 402; 403; 404; 405; 406; 407; 408; 409; 410; 411; 412; 413; 414; 415; 416; 417; 418; 419; 420; 421; 422; 423; 424; 425; 426; 427; 428; 429; 430; 431; 432; 433; 434; 435; 436; 437; 438; 439; 440; 441; 442; 443; 444; 445; 446; 447; 448; 449; 450; 451; 452; 453; 454; 455; 456; 457; 458; 459; 460; 461; 462; 463; 464; 465; 466; 467; 468; 469; 470; 471; 472; 473; 474; 475; 476; 477; 478; 479; 480; 481; 482; 483; 484; 485; 486; 487; 488; 489; 490; 491; 492; 493; 494; 495; 496; 497; 498; 499; 500; 501; 502; 503; 504; 505; 506; 507; 508; 509; 510; 511; 512; 513; 514; 515; 516; 517; 518; 519; 520; 521; 522; 523; 524; 525; 526; 527; 528; 529; 530; 531; 532; 533; 534; 535; 536; 537; 538; 539; 540; 541; 542; 543; 544; 545; 546; 547; 548; 549; 550; 551; 552; 553; 554; 555; 556; 557; 558; 559; 560; 561; 562; 563; 564; 565; 566; 567; 568; 569; 570; 571; 572; 573; 574; 575; 576; 577; 578; 579; 580; 581; 582; 583; 584; 585; 586; 587; 588; 589; 590; 591; 592; 593; 594; 595; 596; 597; 598; 599; 600; 601; 602; 603; 604; 605; 606; 607; 608; 609; 610; 611; 612; 613; 614; 615; 616; 617; 618; 619; 620; 621; 622; 623; 624; 625; 626; 627; 628; 629; 630; 631; 632; 633; 634; 635; 636; 637; 638; 639; 640; 641; 642; 643; 644; 645; 646; 647; 648; 649; 650; 651; 652; 653; 654; 655; 656; 657; 658; 659; 660; 661; 662; 663; 664; 665; 666; 667; 668; 669; 670; 671; 672; 673; 674; 675; 676; 677; 678; 679; 680; 681; 682; 683; 684; 685; 686; 687; 688; 689; 690; 691; 692; 693; 694; 695; 696; 697; 698; 699; 700; 701; 702; 703; 704; 705; 706; 707; 708; 709; 710; 711; 712; 713; 714; 715; 716; 717; 718; 719; 720; 721; 722; 723; 724; 725; 726; 727; 728; 729; 730; 731; 732; 733; 734; 735; 736; 737; 738; 739; 740; 741; 742; 743; 744; 745; 746; 747; 748; 749; 750; 751; 752; 753; 754; 755; 756; 757; 758; 759; 760; 761; 762; 763; 764; 765; 766; 767; 768; 769; 770; 771; 772; 773; 774; 775; 776; 777; 778; 779; 780; 781; 782; 783; 784; 785; 786; 787; 788; 789; 790; 791; 792; 793; 794; 795; 796; 797; 798; 799; 800; 801; 802; 803; 804; 805; 806; 807; 808; 809; 810; 811; 812; 813; 814; 815; 816; 817; 818; 819; 820; 821; 822; 823; 824; 825; 826; 827; 828; 829; 830; 831; 832; 833; 834; 835; 836; 837; 838; 839; 840; 841; 842; 843; 844; 845; 846; 847; 848; 849; 850; 851; 852; 853; 854; 855; 856; 857; 858; 859; 860; 861; 862; 863; 864; 865; 866; 867; 868; 869; 870; 871; 872; 873; 874; 875; 876; 877; 878; 879; 880; 881; 882; 883; 884; 885; 886; 887; 888; 889; 890; 891; 892; 893; 894; 895; 896; 897; 898; 899; 900; 901; 902; 903; 904; 905; 906; 907; 908; 909; 910; 911; 912; 913; 914; 915; 916; 917; 918; 919; 920; 921; 922; 923; 924; 925; 926; 927; 928; 929; 930; 931; 932; 933; 934; 935; 936; 937; 938; 939; 940; 941; 942; 943; 944; 945; 946; 947; 948; 949; 950; 951; 952; 953; 954; 955; 956; 957; 958; 959; 960; 961; 962; 963; 964; 965; 966; 967; 968; 969; 970; 971; 972; 973; 974; 975; 976; 977; 978; 979; 980; 981; 982; 983; 984; 985; 986; 987; 988; 989; 990; 991; 992; 993; 994; 995; 996; 997; 998; 999; 1000; 1001; 1002; 1003; 1004; 1005; 1006; 1007; 1008; 1009; 1010; 1011; 1012; 1013; 1014; 1015; 1016; 1017; 1018; 1019; 1020; 1021; 1022; 1023; 1024; 1025; 1026; 1027; 1028; 1029; 1030; 1031; 1032; 1033; 1034; 1035; 1036; 1037; 1038; 1039; 1040; 1041; 1042; 1043; 1044; 1045; 1046; 1047; 1048; 1049; 1050; 1051; 1052; 1053; 1054; 1055; 1056; 1057; 1058; 1059; 106

Pyrenotroca, *Humb.* f. 222:

+ *Kantschatka*,
" var., *Oestrup* *Mar.* 2. pl. 7 f 85: 1897 p. 336:

- HEMICYCLUS, E. - *Mon. Bot.* 1837. ~~45/184~~ 28; Mik. *Is.* 5-1f3a, b; 15-2f1; ...
 59; K.S.A.p.48; (Ceratoculis; -Ennotia falx (Hb.); -Pseudos-ennotia.)
 HEMIDIA, Gr. *Is.* 5-1f3a, b; 15-2f1; ...
 Cey.p.49; Lanzi *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 154-42f3; Villaf. *Is.* 5-1f3a, b; Malaisia; *Fortm. D.M.* p. 22; (Toxarium.)
 HYPERBOREA, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 var. brevis, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 INCIPIVA, E. - *Abh.* 3. *Is.* 5-1f3a, b; K.S.A.p.49; Prit. *Is.* 5-1f3a, b; (Not -Diacomaculis)
 INSIGNIS, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 INTERMITTENS, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 INTERRUPTA, *Abh.* 3. *Is.* 5-1f3a, b; K.S.A.p.49; Prit. *Is.* 5-1f3a, b; (Not -Diacomaculis)
 INVESTIENS, W.S., B. *Is.* 5-1f3a, b; Prit. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 R.E.D.p. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 T.No. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 Perag. *Is.* 5-1f3a, b; Woll. *Is.* 5-1f3a, b; 39f15; Del. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 JULIANA, DeNotaris. - *Erbario Crittog.* Ital. No. *Is.* 5-1f3a, b;
 Hb. *Is.* 5-1f3a, b; Del. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 JURANYI, Part. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 KANTSCHEWICHA, Gr. *Is.* 5-1f3a, b; R.E.D.p. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 Cl. *Is.* 5-1f3a, b; Nares; *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 No. *Is.* 5-1f3a, b; A.J.M. *Is.* 5-1f3a, b; Del. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 LAEVIGATA, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 V. *Is.* 5-1f3a, b; Del. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 LAEVIS, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 4f43; Prit. *Is.* 5-1f3a, b; Nares; *Is.* 5-1f3a, b; R.E.D.p. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 1871; Sm. *Is.* 5-1f3a, b; Hoffmann, *Is.* 5-1f3a, b; Italy; Perag. *Is.* 5-1f3a, b; Del. *Is.* 5-1f3a, b;
 (Diatoma variegatum; -S. pichella, v.; -S. affinis, aculeatus, Stictii.)
 LAEVISSIMA, Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 v. *Is.* 5-1f3a, b; Gr. *Is.* 5-1f3a, b; Cl. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b;
 LAEVOLEATA, K.S.A.p. *Is.* 5-1f3a, b; V. *Is.* 5-1f3a, b; R.S.C. *Is.* 5-1f3a, b; Part. *Is.* 5-1f3a, b;
 737; R.E.D.p. *Is.* 5-1f3a, b; Italy; Spain, China; Del. *Is.* 5-1f3a, b;
 Hoffm. *Is.* 5-1f3a, b; Perag. *Is.* 5-1f3a, b; Woll. *Is.* 5-1f3a, b; Lake Michigan; Woll. *Is.* 5-1f3a, b;
 4012f; 41f9; Malaisia; (S. line, v.) --

Y 1

Lunaris, Mon. 3^d. Aug. 1771

LACINIOSA, Griseb. I.B. 1877. 51-2 f10; Detl.S.p. 665;
V.LACINIOSA, Griseb. I.B. 1877. 51-2 f10; Detl.S.p. 665;
LYRYCA, K.S.A.f. 43; R.E.D.p. 141; (Mitzechia & S. p. 141, f. 1.)
LINEA, E. Mon. Ber. I.B. 1877. 78; Mik. l. I.B. 1879; Griseb. I.B. 1877.
R.E.D.p. 141; Detl.S.p. 665; (Ceratonia)---
LINEARIS, E., Abh. Ber. I.B. 1877. 152; Griseb. I.B. 1877. 152; Mitzechia & S. p. 141, f. 1.
LINEATA, E.-Mik. l. 53; Prit. l. 739; ?
LONGICEPS, E. Mon. Ber. I.B. 1877. ; K.S.A.f. 45; R.S.O.f. 55; Prit. l. 739:
R.E.D.p. 135; Sm.Sp.T.No. 533; Wollf. l. 40 f51; (S. capitata, v.)
LONGISSIMA, w.s., B.D.l. 72-12 f95; Prit. l. 739; Griseb. I.B. 1877. 122;
R.E.D.p. 130; O'M.I.C. l. 307-23 f27; Sm.Sp.T. 534; (S. ultra var. x bicoloris) ---
Michipar; Vinnard; Wollf. 39 f7; 40 f52; (S. ultra var. x bicoloris) ---
var., Sm.Sp.T. No. 535;
LUNARIS, E.-Abh. Ber. I.B. 1877. 37; Inf. l. 212-17 f14; Mik. l. 13.3-2 f3; Id-3 f3;
2 f132; 34-12 a, fII; 33 A-I7 f23; K.B. l. 65-15 fI; K.S.A.f. 13; Prit. I.B. 1877,
pl. 4 f135; Cole, Essex; Desmaz. I, No. 903; 2, No. 255; R.Al. No. 731; R.S.
O.f. 54-5 f3; R. Diat. Ex. Nos. 93, 94; Braemar; Mill: S. l. 1. 152-II f32;
Prit. l. 735-ID f35; 12 b. p. 55; Griseb. I.B. 1877. 339; K.B. l. I.B. 1877. 152; R. Al. C.
Ex. No. 37; Griseb. I.B. 1877. 122; R. Al. C. l. 152; Borsecow 12.6 + p. f17 a,b;
Spaner, Giren; Schim. I.B. 1877. 136; Hoffm. Marb.; Griseb. I.B. 1877. 122; O.M.I.C.
l. 301-23 f15; Petit & Lend.; Brugger l. 232; Vinnard; Sm.Sp.T. 533;
Brin Alp. l. I22-4 f22; Belleo, Lichon; Gallia, Paris; Malaisie;
(Ceratonisia; -Emotia; -Exitaria curvata x l.; -Exitaria curvata; -Exitaria curvata)
v.bilinaris, Brin Alp. l. I22-4 f22; (S. bilinearis)
var."e" genuina, Griseb. I.B. 1877. 339; (S. linearis, or K.B.)
var."o" capitata, Griseb. I.B. 1877. 339; Malaisie; (S. linearis, or K.B.)
var. undulata, Milse. -R.E.D.p. 123; (S. capitata, v.)
LUSULA, E.-Abh. Ber. I.B. 1877. 39; Detl.S.p. 665;
MACROPTERA, E.-Mik. l. 53; Detl.S.p. 665;
MATERNIANA, K.B. l. 65-3 f3; K.S.A.f. 45; Prit. l. 739; 122;
R.E.D.p. 133; Detl.S.p. 665;
MESOCAMPA, Blad. -K.S.A.f. 44; R.S.O.f. 54; Prit. l. 739; (S. linearis, v.)
MESOLEPTA, K.B. p. 63-30 f30; K.S.A.f. 44; R.S.O.f. 55-3 f3;
Prit. l. 737; R.S.O.f. 111; Detl.S.p. 665;
MINUSCULA, Griseb. -V. l. S. p. 1. 50 f3; E. c. l. 1877
(S. linearis, v.)
MITZSCHIA, K.B. l. 63-30 f30; K.S.A.f. 40; R.S.O.f. 52-4 f33; Italj;
S. l. C. l. 72-II f37; Prit. l. 739; 12 b. p. 55; Griseb. I.B. 1877. 122;
l. I2-3 fI; Mill: Neap. p. 139-II f9; New Zealand; R.E.D.p. 132; Spaner,
Giren; O'M.I.C. l. 304-23 f30; Petit & Lend.; lists p. 24; Belleo, Lichon;
Sm.Sp.T. 537; Hoffm. Marb.; Perag. l. 59;
(Navicula; -Mitzechia; -S. pileolata, var., & Varocheriae.)
var."d" filliculosa, K.S.A.f. 40; (Faintly x Syn. l. 141; -S. acutius.) ----
MUICOLA, K.B. p. 63-14 f5; K.S.A.f. 45; Spaner, Giren;
(Tristilia Kutzingiana; -Mitzechia communis.) -----
MULTIFASCIATA, K.in litt.; K.B. p. 60; -(Mitzechia linearis; -Synetella.) --
NEAPOLITANA, Rabh. E.D. l. I33; (S. linearis, N.)
NITSCHOIDES, Griseb. I.B. 1877. 403-3 f13; I.B. 1877. 95-1 a, f7; Griseb. Vol. I,
p. 77-5 f3 a, b; R.E.D.p. 141; Cl. I.B. 1877. II; Naes; I.B. 1877. 103; Vaas l. 432;
O'M.I.C. p. 352-23 f39; Sm.Sp.T. 533; V. l. S. l. 153; Griseb. I.B. 1877. 122;
Griseb.:-(S. linearis l. 37 f14; -Exitaria curvata l. 37 f14; -Exitaria curvata l. 37 f14)



Michelia L. Baumf. p. 41. Deppel 1870 p. 3.

" *v. genuina*, Baumf. p. 41.

Salina, Latm. D.M. p. 22.

Scabaria, Latm. pl. 72, 14.

spectabilis, Monb. 1842 p. 338.

(C. 1. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 8

(EXHIBIT 10) -

DOJISA, Ratts.-Pitt. 1.793-366; R.N.D.I. 169; Greenville 13/41.10

Sr. Sp. I. No. 575; Cl. & M. No. 127; Italy; V. i. S. p. l. 3210, 7; T. No. 394;

Peñal. p. 70; Villaf. p. 32; Wollb. 39 ff; Malagón:

(Ardissonia; -S. silvestris, var., & silvestris, v.) -

RO'ANA, Rahh.E.D.I.133; Italy; Del.S.I.334; (de la Bella; -Neville.)

ROSTRATA, E.-Mik. ls.9-1f4; 1d444; Ant. 31.1570p. 1L.2-1f4; 13/11

-Id., #10: Phil. 739; R.E.D. 153; Calif. 45-3129, 31.

(Syr. aequalis & vitrea.)

$$30 \text{ m}^2 = 10 \times 10 \text{ m}^2 - (10 \times 10 \text{ m}^2) : 10 \times 10 \text{ m}^2 = 10 \times 10 \text{ m}^2$$

Item 1-Is9-Itf2; Lake Michigan; V. U.S. 1.49114; Belle Harbor;

Page . . . 59; Wolff, 2010, 14; 1240 . . . 131:

(Desmognonia Kuntze, II: -S. familiaris.) -

$$V_{\text{eff}} = \frac{1}{2} m v^2 + V(r) - \frac{\hbar^2}{8m} \left(\frac{dV}{dr} \right)^2$$

v. fragilariorum, GRUN.-V. d. S. pl. 40112; Lake Michigan;

[illegible]

v. Scotica. Grap.-V. U.S. Pl. 40f II:

SALINA, S.G.D. II. 71-II f 83; Plut. I. 737; III: G. n. I. 521. 595; Gall. I.

34: R.#.D.#.IS4: O'F.I.D.#.STO-23f52: Pevit Cat.#.OF: 1014.Cat.#.

49; Lalzi, Josia 1.29; Italy; Sm. Sp. 1.575; Parag. 1.09; (S. Italia, v.) -

SALE PRICE: \$105-23573, 170; 23574, 170;

SAXONICA, K.B., p. 33-15f14; V.S.A., p. 47; R.S.C., p. 54-4f16; P.H.C., p. 739;

Can f. p. 42: (Exiliana & S. fasciculata; -S. pulchella, v., & gracilis) -

SAUVINET, Petit, Cap. 1011. 133-10110; Notar. 1333, 325; 921. S. 1333.

SCALARIS, E., *Amel.* 11.2-2f13; *Mon.* 131.13441.272; *Mik.* 115.3-2f28-0

8-01118; 10-1415; 10-2411; "9-107-20002; "9-241100;

SCETRON, Gruz.Galicyi [390], 34-If29; Novii. Izd. 1991, 199; 241.S., 359;

SCHUMANN, Robt. M., J. L. 129; Def. S. J. 1008: (S. Harlowe, Sch.) -

SEPTATA, Cronan.-Alg. Gallatoni p. 4: Def. Syll. 1. 1425;

Sept 1900, 1800, 1800, 1800:

SICULA, Casti. Med. 1875, 1: 54-567; Villet. p. 35; Del. S. 1: 333;

SIGMA, K.B. 1.87-30f14; V.S.A. 1.45:

СИМВОЛЫ: 3.1.37-4133, 376; 4.1.15-1113: (C) 1113 - 111113.)

SIGMOIDA, Desmazierae I, No. 1457; 2, No. 1057:

(*Tristalia* & *Sigambella nitzschii*; -*Nitzschia elongata* & s.)

SIMBIRSKIANA, Griseb. 1334r.9: Det. Syll. 1.1.333).

SWHILL, RALPH, PH.D. 1950; GRAD. 1952; V.DECREASE NO. 10 1911; V.

E.D.p.131: Eiben, 1871; M.F.P.1-4-5; Petit & Gené; Liste 1.24; Germ.

1.42; V. i. I. No. 300; Petal. 1.09; O' F. I. C. 1.316-23142; Cl. x M. No. 207.

SH.S.1.000: (S. acicillaris, laevis, pilchella, Veatchianae.)--

SOCIETY, RESEARCH AND POLICY; THE UNIVERSITY OF CHICAGO PRESS

[illegible]

1044; 1045, 1111; 121.9.1000; (10.11.10, Vol. 1) --

STABILIS, E., Anal. 118.1-2f19; 2-5f3; 3-11f2; 3-5f6; 4-11f1.

18-2-3187a, n; 3-1f19; 3-2120a, n; 3-3f19; 3-4f20; 4-2129; 4-3f15;
 4-5f16; 4-6f17; 4-7f18.

10-1115, 17; 10-2112; 15(A)638, 31; 17-2645a, b; 101a.1457-319; 101b.

splendens, (var. β , genuina).—

" forma abnormalis, Grun. 1862 p. 395-8f4:

superba ... Grun. 1862 p. 22:

- Ber. 1370p. Pl. 2-112; K.B. 1.37-23f64; K.S.A. 1.43; R.S.D. 1.53-513;
 Schum. 1354p. 13; Nylandt, w.: Hoffmann, Maron 11;
 (Nitzschia Ehrenbergii & s.) -
- SPINULAEFORMIS, W. Str. Ess.; - (Aribula; -Paroria erinacea; -S. & Gorph. fil.) -
- SPLENDENS, K.B. p. 33-14f16; K.S.A. p. 43; Marissal 1. 13-2f19; R.S.D. 1.
 51-4f43, f; Woll. 1. 131. Al. 1. 139; Westwood, G.: Prit. p. 739; Grun. 1.
 199-3f173; Grun. 1352p. 394-395; 1353p. 3: 1355p. 9; Blesch, 1353; Schum.
 1. 1. 1. 55; Carr. p. 31; Ell. Sp. 1. 91; R. D. ex. No. 33; R. E. D. p. 134; 135;
 Elen, 1371; Macdonald 1. 1. 10f17a; Nylandt, w.: O'F. 1. 1. 1. 13-23f12;
 Lanzi, Tor.; Borseow 126-Af16; Delogne; T.M.S. 1377p. 1-137f13; Bellon,
 Luchon: Petit & Lend.; liste p. 24; Class. f13; Hoffm. Maron.; Sm. Sp. 7.
 No. 577; Gallia, Pagan; M.T.P. 1-4-3; Lake Michigan; Proffius p. 72;
 Lagr. 1374p. 51; Spamer, Daren; Dannf. p. 41; Strose, Kleiken;
 (Diat. truncatum; -Frustulia; -Exilaria & S. alba; -S. radians, w.S.) -
- v. var., R.D. Ex. Nos. 39, 90; Grun. 1355p. 9;
 v. ²aequalis, Grun. 1352p. 396; R. Alg. No. 1202; R.E.D. p. 134; Italy:
 Lanzi, Tor.: (S. aeq., interrupta, lobata & vitrea.)
 v. ³aequalis, Rabh. E.D. p. 134; in R. Alg. No. 687; (Syn. aeq.) -
 v. ⁴Danica, Grun. 1352p. 396; O'F. 1. 1. 1. 139-23f131; (Syn. Dan.) -
 v. debilis, Rab. Alg. No. 1035; Desm. 2 No. 105; R.E.D. p. 134; (S. deb.) -
 v. interrupta, Andrews - Rabh. E.D. p. 134; (Syn. int.) -
 v. ⁵longissima, Grun. 1352p. 395; (S. longiss. & l. 7
 v. ⁶obtusata, Grun. 1352p. 397; (Syn. ob.) -
 v. radians, w.S. - O'F. 1. 1. 1. 139-23f131; (Syn. r.) -
 v. subspatulata, Grun. - V. 1. Type No. 25 sub:
 v. vitrea, Desmaz. I, No. 1453; 2, No. 1053; R.E.D. p. 134; (Syn. v.) -
- SPLENDIDA, E. - Ach. Ber. 1349p. 35; 1370p. 59, pl. 3-2f3; Del. S. p. 366;
 STAURONEIS, E. - Mik. 1356p. 72; Del. S. p. 370;
 STRIATA, E. - Prit. p. 739; Del. Syll. p. 370;
 STRIOLATA, E. - Mik. p. 31; Del. S. p. 370; (S. alba, v.) ----
- SUBARCUATA, Nag. 1. - K.S.A. p. 43; R.S.D. p. 34; Prit. p. 739;
 V. 1. S. 1. 1. 3512; (Ceratoclonis; -Pseudoclonis; -S. alba, v.) ----
- SUBCAPITATA, w. 1. 1. & Scherzer, Cent. 7, fasc. No. 33; Del. Syll. p. 374;
 SUBTILIS, K.B. 1. 34-112(4); K.S.A. p. 41; R.S.D. 1. 53-4644; R.E.D. p. 135;
 Prit. p. 739-9f147; Pet. liste p. 24; Italy; S. Sp. 1. 379; Valentin;
 (Frustulia; -Navicula acis, E.; -Nitzschia; -S. affinis, var.) ---
- SUBULA, Suringar 1357p. 51; R.E.D. p. 131; Del. S. p. 364;
 SUBULATA, E. - Mik. p. 212; Prit. p. 739; Del. S. p. 370;
 SUPERBA, K.B. 1. 50-151f13; K.S.A. p. 43; Borseow 126-Af16; R.D. ex. No. 90;
 S.B.D. 1. 71-12f102; Prit. p. 739; Grun. 1352p. 100; Marissal 1. 13-2f19;
 Jan. & R. 1. 13-3f12; Carr. p. 33; Carr. 1. 13-2f12; Prit. p. 739; Grun. 1.
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 Verm. p. 9; Fortu. Cay. p. 49; Italy; O'F. 1. 1. 1. 1299-23f19; Del. 1. 1. 1. 13-2f12;
 Pet. Cat. p. 21; M.T.P. 1-4-9; Malaisia; Sm. Sp. 7. 573; Perag. p. 70; Woll.,
 4f24, 25, 32; (Araissonia; -Exilaria fasciculata; -S. formosa.)
 v. minor, Grun. - Cl. 1330p. 103;
 v. ⁷longata, Grun. 1352p. 100; (Syn. long.)

1. Nord P. p. 457: Nord P. p. 457: Nord P. p. 457: Nord P. p. 457:
Nord P. p. 457: Nord P. p. 457: Nord P. p. 457: Nord P. p. 457:
Nord P. p. 457: Nord P. p. 457: Nord P. p. 457: Nord P. p. 457:

Alma, - a. cl. 1895 p. 34:

Alma, - a. cl. 1895 p. 34:

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- Herib. p. 34; Grun. 1332p. 397; 1334p. *nov*; New Zealand; Carr. p. 34; Roper, Thames; Hull; Nylander, w.: Italy; Dippel 1370p. 12-2f13; O'M.I.C. 303-23f24; Amazon; Prollius p. 74; Strose, Kleinen; Petit & Gend.; liste p. 24; 1333p. 4f10; Gallin, Papan; M.T.P.I-4-4; De Toni, Port.; Sn. Sp. 7. No. 535; Ebert, Cassel; Brun Alp. p. 123-3f20; Malaisia; Tatarak 1379p. 33, 137; Dippel, 1370p. 12-2f13; Carr. p. 34; V. 1. S. p. 151-33f2; T. No. 233; Carr. 1332p. 397, 1334p. 192-2f1; Dippel, 1370p. 12-2f13; Lagr. 1334p. 31, 53f; Gerling pl. 1f9; J.R.H.S. 1334p. 275; Bellon, Lichon p. 53, 115; Parag. p. 39; Wollz, 110f; De Toni, 1370p. 12-2f13; (Bacillaria communis, Lynghyei, laxillum, vitrea & n.; -Diatom: parasiticum & scalaris; -Echinella fasciculata, var., & 1370p. 12-2f13; -Exilaria crystallina, truncata & n.; -Finstalia fasciata, 1370p. 12-2f13; splendens, quadrangula & n.; -Synedra, species militae.)
- var. a, K. 1. S. p. 151-33f2; Carr. p. 34; 1334p. 192-2f1; var. "b", S. 3. D. Ip. 7f-11f90b; Carr. p. 34; Nylander, w.: New Zealand; v. aequalis, Brun Alp. p. 123-3f2, 3; Bellon, Lichon: De Toni, 1370p. 12-2f13; (S. 3. D. Ip. 7f-11f90b) v. amblyrhynchus, E. - Grun. 1332p. 397; O'M.I.C. 303-23f24; Carr. p. 34; 1334p. 192-2f1; V. 1. S. p. 151-33f2; De Toni, 1370p. 12-2f13; Italy; Herib. p. 133; *A. cl. 1895p. 34*; (Syn. arch.) ----
- v. biennata, Grun. - Grun., V. 1. S. p. 151-33f2; Carr. p. 34; (S. 3. D. Ip. 7f-11f90b) v. Chasei, B.W. 1. - Lake Michigan; De Toni, 1370p. 12-2f13; (Syn. C.) --
- v. crystallina, Lagr. 1334p. 53; (Syn. C.) --
- v. Danica, K. - V. 1. S. p. 151-33f14a, b; T. No. 233; Cl. 133Ip. 10; Parag. p. 39; De Toni, 1370p. 12-2f13; Herib. p. 133; *A. cl. 1895p. 34*; (Syn. C.) --
- v. fossilis, Part. 3p. - 24f370;
- v. lanceolata, Grun. 1332p. 397; Cl. 133Ip. 10; De Toni, 1370p. 12-2f13; V. 1. S. p. 151-33f2, 10; T. No. 299; De Toni, 1370p. 12-2f13; (Syn. L.) --
- v. lanceolata, forma brevis, Herib. p. 133; V. 1. S. p. 151-33f2;
- v. longiscina, Brun Alp. p. 123-4f21; V. 1. S. p. 151-33f2; T. No. 237; Cl. 133Ip. 10; Italy; Parag. p. 39; Bellon, Lichon: Wollz, 110f; De Toni, 1370p. 12-2f13; Herib. p. 133; (S. long.) -
- v. marina, Roper, 1370p. 12-2f13; Italy;
- v. mutata, W.S. - Grun., V. 1. S. p. 151-33f2; De Toni, 1370p. 12-2f13; Herib. p. 133; *Dampf. p. 41*; (Rhabdium & Synedra ob.) -
- v. oxyrhynchus, K. - O'M.I.C. 303-23f24; V. 1. S. p. 151-33f2; De Toni, 1370p. 12-2f13; (Syn. C., 1370p. 12-2f13)
- v. spathulifera, V. 1. S. p. 151-33f13; De Toni, 1370p. 12-2f13; Herib. p. 133;
- v. splendens, K. - Brun Alp. p. 123-5f1; Lagr. 1334p. 51; Parag. p. 39; V. 1. S. p. 150-33f2; Malaisia; De Toni, 1370p. 12-2f13; *Dampf. p. 41*; - (S. radians & c)
- v. subaequalis, Grun. - V. 1. S. p. 151-33f13; T. No. 233; De Toni, 1370p. 12-2f13; Herib. p. 137; (Syn. s. - ?)
- v. Tolstensis, Rattr. Trans. Roy. Soc. Edinburgh, 1333p. 437-20f12; De Toni, 1370p. 12-2f13;
- v. truncata, Grun. 1332p. 397-3f2; Parag. p. 39;
- v. vitrea, K. - V. 1. S. p. 151-33f11, 12a, b; Parag. p. 39; De Toni, 1370p. 12-2f13; Herib. p. 137; (Syn. vit.) ----
- UNDATA, Cleve 1373p. 11;

vaucheriae,

" var. β , tenuior. Grun. 1862 p. 394:

1000000000

- UNDOSA, Grun.-Hedw.Vol.5, p.4; M.M.J.1377p. -193f3; (Toxarium.)-
 UNDULATA, Bailey. Greg.D.C.p.59-3f107; S.B. D.2, p.97; Prit.1.733; Ital.; Grn.1352.407-9f1; 1353.3; 3f1.37; 1.13-3f1; Lewis, ~~E. & R.~~ 1.70; Rabh.13.142; Grn.1352.137-3f14; Malaisie; R.E.D.1.130; Cl.1353.220; 1373.22; V.1.1.507; Grn.1352.1.32; O.P.1.1.1.1.1-23f14; 1.1.1.1-1-1; S.S.1.1.1.1.1.1; Grn.1352.1.5; Lapp.1373p.21; Hortm.Cey.p.49; V.1.S.p.154-42f2; T.303; Petar. 1.70; Willef.1.32; Wille, 39f3; (Syn.Henneayi, Schumannii, undulata; -Toxarium.)--
- VALENS, E., Amer.pls.3-2f3; 4-1f1; K.B.p.37-23f33; K.S.A.1.43; R.S.D.p.55-4f9; R.E.D.1.141; Wille 5f13; (Nitzschia v.)-
 VARNERUM, Brn.-Part.31. -23f33; Brn.1391.43-1f11; 1392.1; VAUCERIAE, K.B.p.35-14f4; K.S.A.p.44; R.S.D.p.55-4f15; Mill; S.B.D. 1.73-1f199; Parissal 1.13-2f23; Prit.1.737; Grn.1352.307-1f199-8; R.D.Ex.No.95; R.A1. No.335; Eil.S.1.No.90; Grn.1.34; Cl.1353.220; Italy; R.E.D.p.132; Sm.Sp.T.No.537; Petit liste 1.24; Brn Alp.1.123-5f4; Bellec, Luchon; V.1.S.p.150-40f19; T.No.297; Lapp.1334p.41, f3a-a⁴; Sparr, Duran; Wille, 50f13; Hoffmann, Marb.; Det.Syll.1.372; 1391. 1.141; (Exilaria; -Gloiophila; -S.Smithii.)-
 v.capitellata, Grn.-Cl.Nares p.314; Det.S.1.653; (Syn.caj.)
 v.distant, Grn.-V.1.S.pl.40f17; Det.Syll.1.372;
 v.deformis, Grn.-V.1.S.pl.40f13; Det.S.1.353;
 v.fasciculata, Brn Alp p.123;
 v.gloiophila, -Grn., Det.Syll.p.353;
 v.minutissima, Brn Alp.p.123; (Syll.1.1.)
 v.parvula, Rabh.E.D.p.132; Brn Alp.p.123-5f5; V.1.S.p.150; Det.Syll.p.353; Herib.p.141; (S.1.1.1.)-
 v.perminata, Grn.-V.1.S.p.150; Det.S.1.653; (S.1.1.)--
 v.truncata, Rabh.E.D.1.132; 1391.1.141; (Exilaria.)
 VENTRICOSA, Rabh.S.D.p.52-4f53; Prit.p.735; Italy; R.E.D.p.123; Det.S.p.667;
 VERMICULARIS, K.B.p.37-4f35; Neipauer p.139-1f14; (Frustulia; -Nitzschia; -Sigmatella.)
 VERTEBRA, Grn.-M.J.1353.40-4f22; S.B.D.2, 1.104; Carr.1.34; R.E.D.p.131; Det.Syll.1.364; (Ctenophora & Syll.1.1.1.)-
 VIRGINALIS, K.B.p.34-3f15; K.S.A.p.41; Prit.p.735; Italy; Neipauer p.194-2f52; R.E.D.1.123; Det.S.p.667;
 VITREA, K.1.1.1.1-1f117; K.S.A.1.45; R.S.D.p.35-1f24; Prit.p.735; R.E.D.p.134; Nylander, w.: Hoffmann, Marb.; Sparr, Duran; Amazon; Lake Michigan; Ebert, Cassel; Wille, 4f13; (Echinella; -S.aequalis, rostrata, silandensis; -S.alna, var.)--
 WARTMANNII, Cramer.-Wartmann & Schenck, Century 4, Fascio.7, No.335; Det.Syll.p.370;
 WIGANDII, Rabh.E.D.1.123; (Pseudo-Echinella; -S.aequalis, w.1.1.1.)--
 ZELLERI, Rabh.E.D.p.139; Det.Syll.1.364; (Falcotella 2.)-
- SYRINGIDUM. - (Echinella)
- , J.Q.C.1371p. -4f10;

+ fenestrata; Tolsta p. 478 a. cl. 1895 p. 37: Oestrup 1897 p. 341:

+ flocculosa, a. cl. 1895 p. 37: Oestrup 1897 p. 341:

TABELLARIA. ----

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- CLAVAT~~OR~~, E. - Abh. Ber. 1343p. 47; Mik. p. 35; Prit. p. 307; Det. S. 11. p. 745;
 EURYCEPLALA, E. - Mik. p. 115; Prit. p. 307; Det. S. p. 745;
 FENESTRATA, (L. L. D.) - K. B. p. 127-17122; 13f1; 50f73; K. S. A. p. 119; Alp. p. 405-93f10; R. S. D. p. 63-10f1; R. D. Ex. Nos. 100, 101; Mill; S. B. D. 1. 45-45f317; Front.; Desmaz. I, No. 511; Prit. p. 307; R. Bac. Exs. No. 37; R. Alg. Eur. No. 1361; Bruggen p. 239; Heib. p. 71; Grun. 1362p. 410-7f20; R. E. D. p. 301, f79; weisse 1360p. 661-4f44; Arenig Bach; Schum. 4. 7. 1. 55; Carr. p. 90; Nylander, w.; Girard Foss. p. 11-1f22; Cl. 1363p. 221; 1331p. 7; 1391p. 55; Varnard 1370p. 1. 1f2; O'M. I. D. p. 317; Petit 1362p. 1. 20; Pet. 1333; Kinnor; M. T. P. I-5-5; Hoffmann, Marb.; Brun Alp. p. 100-9f13; Belloc, Lichon: Sm. Sp. 1. No. 533; Lake Michigan; Talarck 1379p. 57; V. H. S. p. 132, Type No. 1346; Perag. p. 74; Spamer, Dillen; wolle, 50f1-3; Det. Syll. p. 743; Herib. p. 154; (Diatoma; -l. trinodis; -l. vilgaria, "v.") --
 v. trinodis, Grun. - V. I. S. p. 1. 510; Cl. 1391p. 55; Det. S. p. 744;
 v. vilgaria, Grun. - V. I. S. p. 1. 510-3; Det. Syll. p. 743;
 FLOCCULOSA, Roth. - K. B. p. 127-17121; K. S. A. p. 118; Haas al. p. 404-94f 9, 10; 96f11; R. S. D. p. 63-10f2; R. Bac. Exs. No. 37 sub; Mill; R. Alg. Eur. No. 1360 sub; S. B. D. 2. 45-45f316; Desmazieres 2, No. 511 sub; Bruggen p. 239; Prit. p. 307-13f29; Grun. 1362p. 410-7f19; Heib. p. 70; Carr. p. 90; weisse 1364p. 661-4f45; R. E. D. p. 301; Heaw. Vol. 2, p. 133; Schum. 4. 7. 1. 45, 53; M. D. pl. 13f27; Eil. Sp. 1. No. 94; Arenig Bach; Amer. Nat. 1363p. 10-13f13; Mill; Cl. 1367p. 664; 1368p. 221; 1391p. 54; Cl. & M. No. 123; Des. I, No. 910; O'M. I. D. p. 317-29f3; Nylander, w.; Macdonald 11. 10f29; Stross & Kleiken; K. & Z. p. 14-1f15; Lake Michigan; M. T. P. I-5-4; Ebert, Cassel; Brun Alp. p. 100-9f14; Hoffmann, Marb.; Petit & Lend.; liste p. 23; Pet. 1333p. 4f12; Gallik, Pajan; Sm. Sp. 1. No. 539; Spamer, Dillen; V. I. S. p. 132-52f10-12; 1. No. 347; Lagr. 1373p. 20; Talarck 1379p. 56, f56; Belloc, Lichon p. 57; Perag. p. 74; wolle, 50f7-II; A. M. H. J. 1391p. 1f2; Det. Syll. p. 744; Herib. p. 155; *Tolsta p. 438*; (Bacillaria tabellaris; --
 Conferva; -Diatoma; -Flag. & Nav. trinodis, E.; -l. ventricosa & vilgaria.) --
 V. amphicephala, E. - Grun. 1362p. 410-7f18; R. E. D. p. 301;
 Gallik, Pajan; Det. S. p. 744; (Tab. amph.) ----
 v. ambigua, Bruggen Binard Alp. p. 239; R. E. D. p. 301; Det. S. p. 744;
 v. ventricosa, K. - Grun. 1362p. 410; R. E. D. p. 301; Brun Alp. p. 100;
 Belloc, Lichon: Det. S. p. 744; (l. ventr.) ----
 GASTRUM, E. - Amer. 1. 137; K. B. p. 127; K. S. A. p. 119;
 Prit. p. 307; R. E. D. p. 301; (Tab. flocculosa var. ambigua) --
 LAEVIS, E. - Amer. 1. 1-2f17(14); R. E. D. p. 301; Det. S. p. 743; (Diatoma) --
 NODOSA, E. - Amer. 1. 137; Mik. 1. 2-2f15; 3-4f16; 4-5f24; 14f17; 15(A), f 76; 15(B), f31; K. B. p. 127; K. S. A. p. 119; Prit. p. 307; R. E. D. p. 301;
 wolle, 50f21; Det. S. p. 744; Herib. p. 155; --
 PINNATA, E. - Mik. p. 1. 1-3f10; 14f153a, b; Det. S. p. 745;
 PINNULARIA, E. - Mik. p. 1. 11; Prit. p. 307; Det. S. p. 745;
 PLATYSTOMA, E. - Mik. p. 1. 11; Prit. p. 307; Det. S. p. 743;
 RABDOSOMA, E. - Mik. p. 1. 11; Prit. p. 307; Det. S. p. 743;
 ROBUSTA, E. - Abh. Ber. 1343p. 31; Mik. 1. 1. 33-11f15; K. S. A. p. 119;
 Prit. p. 307; R. E. D. p. 301; wolle, 50f22; Det. S. 11. p. 745;

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SCULPTA, E.-Amst. 11.1-2f3; (Dietrich 18 1.)-
 SEMIN, E.-Mik. p. 122; Prit. p. 307; Det. Syll. p. 745;
 SILICOLA, E.-Mik. 135p. 72; Det. S. p. 745;
 THERMALIS, Ostry, Al. Gr. 18104. p. 3; Det. S. p. 745;
 THWISSII, Ostry. -Lins, Vol. II. 133; Det. S. p. 745;
 TRINODIS, E.-Abh. Ber. 1340. 251; Mik. 118. 33-2f19; 33-7f17; 33-19
 23, 27; 35A-7f27; 33-17f21, 22; Abh. B. 1339p. 1a, f2; Deby D. T.; -(T. fen.)
 TROCHUS, E.-Abh. Ber. 1375p. 133; Det. S. p. 745;
 UNDULATA, E.-Mik. p. 35; Prit. p. 307; Det. S. p. 745;
 VENTER, E.-Mik. 1356p. 72; Abh. Ber. 1371p. 1. "F", f3; Det. S. p. 745;
 VENTRICOSA, K. B. p. 127-30f74; K. S. A. p. 113; R. S. D. p. 33-10f5; R. Al. sub
 No. 1043; Mill; Prit. p. 307-13f23; 13aw. Vol. 2. 41-7f1-4; R. S. 1, 11f23;
 R. E. D. p. 301; Hoffm. Nat. p. 1; (T. filicellosa, var., & 11818.)-
 VULGARIS, E.-Abh. Ber. 1333p. 55; Mik. 118.

33-3f20; 34-12b, f2a, b; 35A-13f5;
 39-3f120-122; Det. 1331p. 53, f192 sub;
 var. "a", E.-Mik. 11. 15(A) f75; (T. filicell.)-
 var. "b" trinodis, E.-Mik. 118. 2-2f34; 3-1f20; 3-1f30; 4-1f23;
 4-2f27; 4-3f23; 5-1f33; 5-2f17; 5-3f54; 6-1f41; 15-(1f22; 2f37; 3f12
 17f20); 17-1f13; 17-2f22; 14f55; 15(A), f73a, b; (T. filicell.)-
 (Tab. fenestrata & trinodis.)

TABULARIA.-(Kütz., 1847)

A Subgenus of Synechia:---

Vide Meneg. A. N. D. p. 400; K. B. p. 37; K. S. A. p. 46;

TABULINA.--(Moen, 1859)

TESTUDO, Brn. -Br. & Temp. p. 59-3f8; Det. Syll. p. 399;

TEMACHIUM.-(Hallw., 1847)

HYEMALE, wallroth. -Flora Cryptog. Germ. (Odonitidum.)--
 PECTINALE, wallr. -Flora Cryptog. Ger. (Limnithidum.)--

TEREBRARIA;:-(Jen., 1864)

--, Cast. 1337p. 47-25f1, 2;
 ANTARCTICA,
 BARBADENSIS, Grev. -T. M. S. 1354p. 9-2f12, 13; Det. Syll. p. 710;
 MERGUELENSIS, O'M. -J. L. S. 1377p. 56-1f4; Det. S. p. 710;
 (Trachysphaenia Australis, v.)

TERPSIDON. -

--, Bailey, A. J. S. 1345p. 321-4f1-5; London Clay:
 --, Muller 1331p. 1-14; Atlantic City:
 --, Meneg. A. N. D. p. 472;
 ACUTA, Brn. - (Arachn.)----
 AMERICANA, Bailey. -Prit. p. 339; Grn. 1353p. 23; M. T. P. I-3-12, 13;
 J. Q. C. 1337p. 76; Mobile; Part. I. 47-3f2; 2, 1. 31; wallr. 306;
 Det. S. p. 395; (T. terpsidon.)--

B. hissonii Moller Cat. 1897 p. 23: - ?

India.

" var. α , K.Sa p. 119:

musica, Abh Ber. 1849 p. 8

TERPSINOE.

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- var. *triflora*, Part. Ip. -pls. 4f105; 5f133; 2ff193; 27f201;
~~COCHINCHINA~~ Brin & T. p. 74; Atlas pl. 159f3;
 SIATICA, E. -Abh. Ber. 1343p. ; Prit. p. 359; Det. Syll. p. 395;
 (Tetragramma Americana & As.) ---
 AUSTRALIS, E. -Mik. p. 11; Prit. p. 359; Det. S. p. 395;
 BRASILIENSIS, E. -Mik. p. 311; Prit. p. 360; Det. S. p. 395;
 RUNII, Part. 3p. -17f254; Det. S. p. 395;
 INDICA, E. ~~Non~~ Ber. 1345p. 313; W.S.A. p. 119; Prit. p. 359;
 Det. Syll. p. 395; (Anaulis Ind.) -
 INFLATA, Brin, 139Ip. 46-2ff4; Det. S. p. 395;
 INTERMEDIA, Part. Ip. 47-17f154; 2, p. 32; Det. S. p. 395; ~~17f154~~
 var., Kain & Sel. -T.B.C. Vol. 131. 209-93f2, 2a; Wollé, 76f1, 2;
 JAPONICA, E. -Mik. p. 153, pl. 34-3f16; Prit. p. 359; Det. Syll. p. 395;
 JAVANENSIS, E. -Mik. pl. 34-3f16 -- error in print -- Est 'Japonica.' --
 LYBICA, E. -Mik. p. 13; Prit. p. 350; Det. S. p. 395; (Tetragramma.) -
 MAGNA, L.W.B. -B.O.N. 1. 133Ip. 340-2f43-43; Wollé, 5ff7; Det. S. p. 395;
 MINIMA, L.W.B. -B.O.N. 1. 133Ip. 340-2f54; Wollé, 5ff12;
 MUSICA, E. -Amer. 11f23-4f1; 3-7f30; Mik. pls. 34-(5a, f10--6af3, 3x--5b, f2);
 W.B. p. 123-29f94; 30f72; W.S.A. p. 119; Bailey & H. pl. 9ff12, 13; R.S.D.,
 63, pl. 10; Prit. p. 359-11f47; B.O.N. 1. 133Ip. 340-2f52, 53; M.D. pls.
 14f13; 19f10; Q.O.N.S. 133p. 191; Grin. 133p. 23; Ent. Sp. T. No. 95; Lew.
~~1. 70~~ 1. 70; Cl. & M. No. 22; Sm. Sp. T. No. 590; M.T.P. I-3-9 to II; A.M.
 M.O. 133p. 311; 139Ip. 1f3; Macdonald pl. 10f30; Bot. Centralb. 133p.
 209; Mobile: J.R.M.S. 133p. 794; J.M. 133p. 223; Bot. Deutsch. Gesells.
 133p. 131, pl. ; Wollé, 5ff13-15; Villat. 1. 33; Det. S. p. 394; -(Tetrag.)
 Pelletan Diat. p. 126, f335; *Atlas 199f9-131*
 POLYGIBBA, Part. 3p. -2ff310; Det. S. p. 395;
 PRIMORDIALIS, Brin. - (Anaulis p.) ---
 TETRAGRAMMA, L.W.B. -B.O.N. 1. 133Ip. 340-2f50, 51; Det. S. p. 395;
 TRIFOLIATA, Cleve., Led. Vol. 2, No. 22, p. 207;
 TRIQUETRA, Part. 3p. -26f390; Det. Syll. p. 395;

TESSELLA. -(Ehrh., 1838)

- , Loharzewski, Lilaea 1340p. 270-4f2; (Rhabdonema ~~advent~~ 1340p. 270-4f2)
 --, Meneg. A.N.D. p. 465; --, ~~Meneg.~~ *Meneg.* 1340p. 270-4f2
 ARCUATA, Ehrh. -Inf. p. 202;
 (Achnanthes; Diatoma s. & striatulum; -Striatella s. & unipunctata.) ---
 CATENA, E. -Inf. p. 202-20f6; Mik. pls. 2ff39a, b; 22f5; A.O.S. 134p. 1.
 102-2f39; A.M.N.H. 1343p. 104-2f1; Prit. 1352p. 1. 3f130;
 (Rhabdonema arcuatum & minutum; -Striatella arcuata.) --
 HYALINA, Janisch & R. p. 13-2f3; (Striatella.) --
 INTERRUPTA, E., Inf. p. 202; W.B. p. 125-13f4; W.S.A. p. 114; Prit. 1.
 304-3f5; M.D. pl. 14f35; Lewis, 186 ~~186~~ 1. 33; J.M. 1. 320-29f7;
 Sm. Sp. T. No. 591; Wollé, 43f13, 14; *fort. 1777 p. 24* (Striatella.) ---
 PEDICELLATA, Dujardin. -Zoo. phyt. p. 370-20f14; -(Striatella unipunctata.) -
 STRIATA, Wipand. -Heuw. Vol. 2p. 46-7f22; (Striatella s.) --

Emarginatus, Henb. p. 158:

+ Emarginatus d.

" v. maxima, a. c. 1895 p. 37-1 f 39:

79. ... - (Daff. Bay p. 2 f. 14: Oct. 1847, p. 345.
C. 1 270. 5: Aug. 8. 1846 (4) p. 12-23, 1-14.

> gelatinosa; Hansen: - (Cosc. excent., c. gelat.)

Uscia lucida

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- DUBIA, Fortm. - Ann. Bot. Brit. 1392p. 46-7f4; Del. Syll. p. 110f;
 NORDENSKIÖLDII, Cl. 1373p. 6-1f1; Cl. & M. No. 51; Vega p. 439; V. i. S.
 pl. 33f9; T. No. 443; Grun. 1334p. 189; Sm. Sp. T. No. 593; Del. S. p. 110f;
 (Systephania Angelica.) -- *Retzsch 1897 p. 345: CC 189*
 var., Castr. 1337p. 96-30f4;

THALLASSIOIRIX. - (Trevisan, 1843)

- CURVATA, Castr. 1337p. 55-24f6; Notat. 1339p. 393; Del. Syll. p. 570;
 LONGATA, Grun. - V. i. S. pl. 37f9; Del. S. p. 373; (Clavella filiformis.) --
 FRAUENFELDII, Grun. - Cl. & M. No. 145; 1330p. 109; V. i. S. pl. 37f11, 12;
 Castr. 1337p. 54-14f7, 8; Villef. p. 63; Del. S. p. 372; CC 189
 (Asterionella fr. & synedraformis.) ----
 v. Arctica, Grun. - V. i. S. pl. 37f14; Vega p. 433; Del. S. p. 372;
 v. Javanica, Grun. - V. i. S. pl. 37f13; Brunn. & T. p. 74; Del. S. p. 372;
 v. tenella, Grun. - V. i. S. pl. 37f15; Vega p. 433; Del. S. p. 372;
 LONGISSIMA, Cl. & Grun. - Cl. 1330p. 103; Cl. & M. No. 125; Sm. Sp. T. No. 594;
 A. J. M. 1379p. 101; V. i. Type No. 232; Vega p. 433; Villef. p. 63; Brunn. & T.
 p. 74; Del. S. p. 372; *Retzsch 1897 p. 334*. (Synedra thalassioirix.)
 v. Antarctica, Grun. - V. i. S. pl. 37f10; Del. S. p. 372;
 MARINA, Grun. - V. i. S. pl. 37f8; (Meridion; - Opephora; - Scythionis.) -
 NITZSCHIOIDES, Grun. - V. i. S. pl. 40f7, 10; Malaisie; Del. S. p. 372;
 v. acuminata, Part. I. p. 35-26f246; Del. S. p. 373;
 v. Javanica, Grun. - V. i. S. pl. 43f11, 12; (Aster. frater.)
 v. lanceolata, Grun. - V. i. S. pl. 43f8, 9; Villef. p. 63; Malaisie;
 v. obtusa, Grun. - V. i. S. pl. 43f6;

THAUMALEORABDIUM. - (Trevisan, 1843)

- , Trevisan, in Atg. Cocotalle 1843p. 95; -(Striella unipunctata.)

THAUMALEORABDIUM. - (Trevisan, 1843)

- BALEARICA, Cl. & M. No. 154; Petal. Pl. p. 23-9f14, 15; Del. Syll. p. 271;
 COMPLANATUM, Brunn. - Led. Vol. 2, p. 244-19f5;
 COSTATUM, Grun. - T. V. S. 1365p. 97-3f3; Ratt. Rev. p. 373; Del. S. p. 1020;

TOXARION. - (Trevisan, 1843)

- , ??? - (Eimotia costalunga.) -
 FRAUENFELDII, Grun. - Deltoni, Syll. p. 377; (Synedra.) -
 v. Doljensis, Part. - Deltoni, Syll. p. 377; "
 HENNEDYANUM, Grun. in V. i. S. - Del. S. p. 377; "
 ROSTRATUM, Hantzsch 1335p. 19-5f4; Malaisie; Del. S. p. 377; "
 UNDULATUM, Grun. - Deltoni, Syll. p. 377; "
 UNDULATUM, Bailey N, S, M, 15, f24-25; Bréb. Verm. p. 9f3; Del. S. p. 377;
 (Synedra Henedyana, undulans & l.) ----

TOXOMIDEA. - (Trevisan, 1843)

- BALEARICA, Cl. & M. No. 154; Petal. Pl. p. 23-9f14, 15; Del. Syll. p. 271;
 (T. Gregoriana, var.)

Trachyphaenia.

Australis, Petit Cap Horn.

var. Aucklandica, Gun. - V.H.S. n. 37 f 1:

Det. f. 1. n. p. V.H.S. - (Chaphoneis Aust.) -

Cl. Vega p. 500 - 37 f 54:

Long. clausis, 5 m. - Det. f. 1. n. p. V.H.S. - (Chaphoneis Aust.) -

Trachyneis.

+ aspera, Oestrup 1897 p. 318:

- CHALLENGERENSIS, Castr. I337p.30-23f5; Per. Pl. I. 23-9f17; Det. S. I. 272;
Cl. Navic. p. 46;
var., Castr. I337p.33-23f4;
FALCATA, Donkin.-Rabh. E. D. p. 244; Petit Cat. p. 23; Det. S. p. 273;
(Pleurrosigma & Rhoicosigma.)-
GREGORIANA, Donk.-T.M.S. I353p. I9-3fI; Prit. p. 920; M.D. I. 42f42;
Carr. p. II3; R.E.D. p. 243 cum icones; Woll. 69f12; Det. Syll. p. 271;
Perag. Pleur. p. 23-9f16;
v. Balearica, Cl. Navic. I. 46; (T. Bal.)--
INSIGNIS, Donk.-T.M.S. I353p. 2I-3f2; Prit. I. 920; Carr. p. II3; R.E.D. p.
243; Cl. & H. 293; V. I. S. p. II4-I7f10; T. No. I33; Vill. f. p. 53; Per. Pl.
p. 23-9f13, I9; Malaisie; Det. S. p. 271; Cl. Nav. p. 45; -(Amphora botica.)--
v. Madagascariensis, Grun.-Cl. Nav. p. 46; (T. Mad.)--
v. undulata, Norm.-Cl. Nav. p. 46; (Tox. und.)--
JENSENIANA, Rabh. E. D. p. 244; Per. Pleur. p. 23; Det. S. p. 272;
LAEVIS, Witt.-J.M.G. I373p. 70-3f9; Per. Pleur. p. 23; Det. S. p. 272;
MADAGASCARENSIS, Grun.-Per. Pleur. p. 23-9f13; Det. S. p. 272; -(T. insignis, v.
UNDULATA, Norman MSS.; Prit. p. 920-3f43; R.E.D. p. 244;
Per. Pleur. p. 23-9f12; Det. Syll. I. 272; (T. insignis, var.)---

TOXOSIRA. - (Dinebr.)

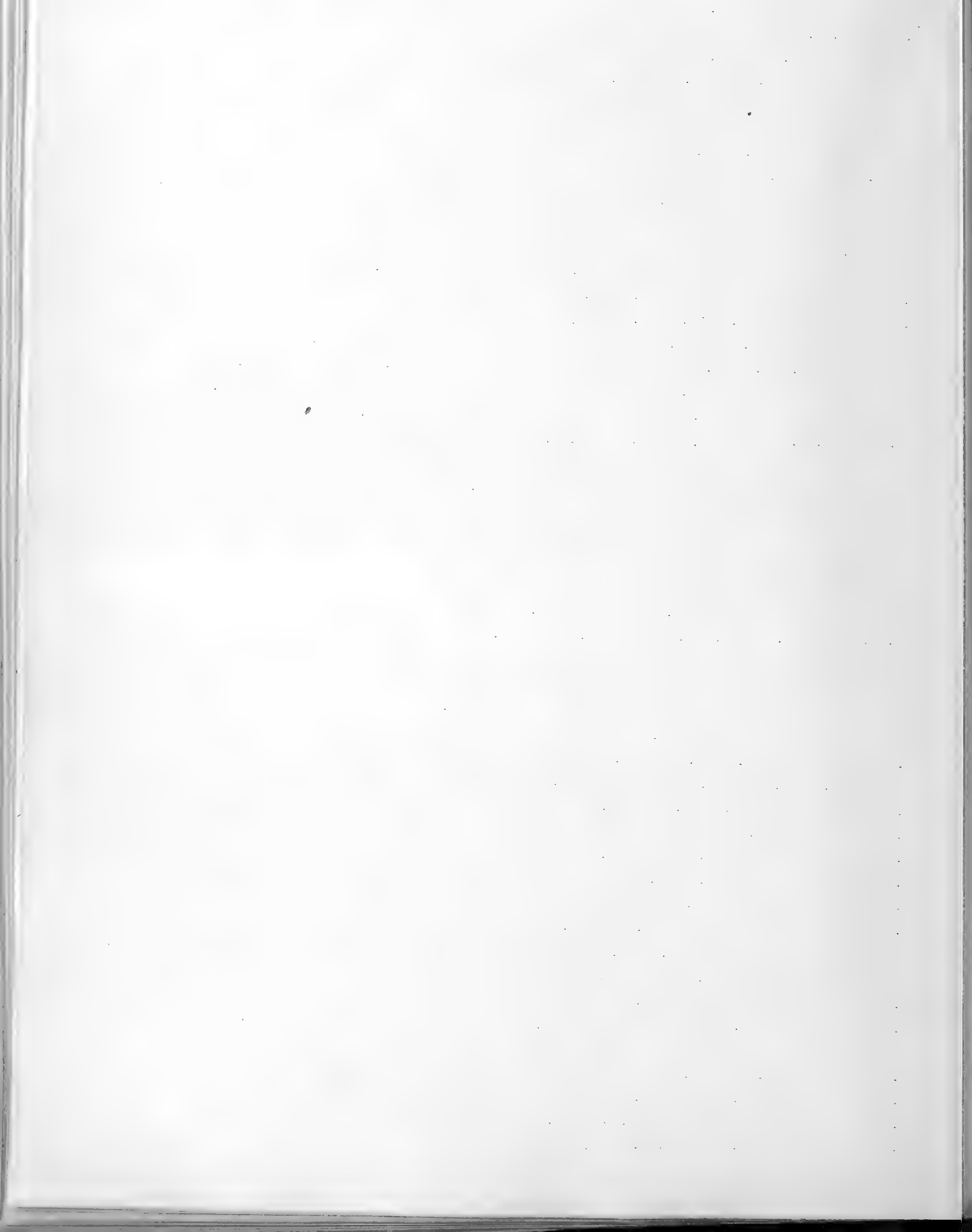
- STRUMULOSA, Breh.- (Ceratonis & Eimotia arcis.)-

TRACHYSPHAENIA. - (Petit, 1877.)

- ,
AUSTRALIS, Petit Cat. p. 32-5f19; J.R.M.S. I373p. 243-15f19; Fortm.
Cey. p. 53; Sm. Sp. T. No. 595; Cl. Vega I. 500; Malaisie; Det. Syll. p. 345;
(Omphalopsis; -Sceptroneis.)--

TRACHYNEIS. - (Gosse, 1892.)

- ANTIILLARUM, Cleve Navic. p. I93; (Alloioneis; -Navicula.)--
v. Kurzii, Grun.-Cl. Nav. p. I93; (Allon. & Navic. Kurzii.)--
ASPERA, E.-Cl. Nav. p. I91; -(Navic. a. & pseudo-aspera; -Stanoptera.)-
v. amphora, Brin.-Cl. Nav. p. I92; (Nav. ar.)-
v. angusta, Cl. Nav. p. I91;
v. californica, Cl. Navic. p. I92;
v. contermina, A.S.-Cl. Nav. p. I91; (N. cont.)-
v. derasa, Cl. Nav. p. I92;
v. intermedia, Grun.-Cl. Nav. p. I92; -(Nav. a., var. intermedia & int.)----
v. Neumayeri, Jan.-Cl. Nav. p. I91; (N. Neum.)-
v. oblonga, Bailey.-Cl. Nav. p. I92; (Stanooneis; -Stanoptera)
v. perobliqua, Cl. Nav. p. I92-3f37;
v. pulchella, W.S.-Cl. Nav. I. I91; *Oestrup 1897 p. 318:* (Navic. aspera; -
Stanoptera achmanthes; -Stanooneis p. & I92f33.)
v. residua, A.S.-Cl. Nav. p. I91; (Nav. res.)
v. rhombica, Cl. Navic. I. I92;
v. Schmittiana, Grun.-Cl. Nav. p. I92; (Nav. Schm.)
v. vulparis, Cl. Navic. p. I91; *Oestrup 1897 p. 318:* (N. aspera, I. I.)-



- BRUNII, Cleve Navic.p.193: (Navicula B.)--
 CLEPSYDRA, Donkin! -Cl.Nav.p.192: (Nav.c.)--
 " v.Scotica, A.S.-Cl.Nav.p.193: (Nav.S.)--
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DISCIGERUM, ----Vide V.A.S., under Oontella.)

DISSIMILE, Grin.-Atlas 31f5; 152f15; Del. S. p. 910: -(Amphitetras.)-

DISTINCTUM, Jan.-Atlas 35f1; Del. S. p. 922: (T. simile ?)-

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* var. Novae-Zeelandiae, Grove & Start.-J.Q.C. 1336p. 323-19f17, 18;

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(Trie. bicorne & billosum.)---

* v. irregularis, Grin.-Atlas 93f14, 15: (Amphipentas.)-

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- ELEGANS, Grev.-Atlas 99ff10-13; wolle, 10ff13, 7;
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- ELONGATUM, Grun.-Hew. Vol. 3, p. 31; Atlas 30ff12; Cl. Vega 1.409;
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- EXIGUUM, Roper. -M. J. 1351. 274-17ff; S. B. D. 2, 1. 37; Carr. 1. 95;
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- EXORNATUM, Grev.-T. M. S. 1351. 9-2ff25; Witt 13351. 33-12ff6;
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- * v. araneusis, Pant. 2, 1. 90-22f133; Det. S. 1. 933;
 - * v. robusta, Witt.-Atlas 112ff5; Pant. 2, 1. 90; Det. S. 1. 931;
 - * v. Simoniskiana, Pant. 2, 1. 90-23f1343; Det. S. p. 931;
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- FAVUS, E. -M. J. Ber. 1339. 156; K. B. 1. 139-13ff11; V. S. A. 1. 140; Prit. 13521. 141ff13, 44;
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- * vars., A. S., Atlas 32ff2, II; Witt 13331. 21-5f3;
 - * var. "b", Britw. -M. J. 1351. 274-17ff7;
 - * v. biangulata, A. S., Atlas 93ff5;
 - * v. late-areolata, Casti. 13371. 109-9ff3;
 - * v. maxima, Grun.-V. A. S. pl. 107ff5; J. Q. C. 13351. 139; 13361. 325;
 - * v. Pacifica, Casti. 13371. 109-3ff1;
 - * v. pentagona, -J. Q. C. 1337p. 137; Witt 13331. 21-7ff3; -(Amphitetras.)
 - * v. quadrangulara, Sm. S. 1. 1. No. 599; J. Q. C. 86p. 37; (Amphitetras.) -

- var. *sexangula*, A.M. Edw.: (T. ponderosum im.) ---
- var. *septangulata*, Vitton. - M.M.J. 1374p. 219-32f7, 8; Atlas 93f4; Det. S. p. 913: (Nothoceratium.) ---
- var. *spinigera*, Cl. Java p. 3-1f3; Malaisie; Det. Syll. p. 913:
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- REBIGERI, Walker & Chase II. 5-2f3; Notar. 1333p. 147; Det. S. p. 923;
- RENESTRATUM, Witt 1335p. 33-10f10; Atlas pls. 93f21; 112f5, 6; Pant. 2, p. 90: Det. S. p. 947;
- REX, A.S., Atlas 112f22; Det. Syll. p. 926;
- REX, Castr. 1337p. 107-3f4; Notar. 1339p. 700; Det. S. p. 920;
- RIGURATUM, Grev. - T.M.S. 1365p. 101-9f15; Atlas 33f15; Det. S. p. 939;
- RIMBRIATUM, Wallich. - M.J. 1353p. 247-12f4-9; Eil. Sp. 1. No. 127; Grn. 1363p. 24; Petit Cat. p. 36; M.T.P. 4-2-6; Lens, Vol. 1p. 100; cum 2, p. 105; Fortm. Cey. p. 60; Atlas 32f6, 7; M.M.J. 1373p. 137; 1374p. 34; 11 p. 608ogr. (T. favis.) -
- var., Castr. 1337p. 110-9f12;
- RINMARCHICUM, Grn. - Cl. 1330p. 112-7f126; Vega p. 435; Det. S. p. 973: (Amphitetras.) --
- RIRUM, Grev. - T.M.S. 1364p. 93-13f3; Det. S. p. 924;
- RISCHERI, A.S., Atlas 76f34; Atlantic City; Wille, 102f3; Det. S. p. 945; --
- RLEXUOSUM, Grev. - T.M.S. 1362p. 93-9f9; Det. S. p. 952;
- RLOS, E. - Abh. Ber. 1355p. 301; Witt 1335p. 33-9f13; Pant. 2, p. 90: Det. S. p. 947; (Biddulphia; -T. duplicatum & reticulatum, p. p.) ---
- var. *intermedia*, Grn. - Atlas 94f33, 34; Pant. 2p. 90: (T. fasciatum.) -
- var. *hebetata*, Grn. --- (Biddulphia; -T. renunciatum.) --
- ROROSUM, Brew. - M.J. 1353p. 274-17f3; 1353p. 250-4f10; Prit. p. 353; Grn. Ga. p. 31-2b, f12; Breb. Ventr.; M.T.P. 4-5-10; Atlas 79f2, 3; Malaisie; Petal. p. 75; Villef. p. 39: (T. striatulum.) --
- var. *pentagonalis*, A.S. Atlas 79f4; Malaisie; - (Nothoceratium; -A' pentag.)
- RORRESTERI, Temp. - Led. Vol. 1, p. 5-1f2: (Nothoceratium; -Tr. plano-concavum, var. hex.) -
- ROSSILE, Pantoc. Ip. 52-23f240: 2, p. 90: Notar. 1333p. 327; Det. S. p. 921: (Tr. mucicatum, var.) -
- ROVEATUM, Grev. - T.M.S. 1364p. 93-13f15; Atlas 94f17; Det. S. p. 933;
- RRACTUM, Walker & Chase 2p. 4-3f3; Atlas 123f4, 9-11; 137f9, 10; Bot. Cent. blt. 1333p. 131; Det. S. p. 953;
- RRAIGLE, Pant. 3p. - 13f203; Det. S. p. 946;
- RRAUENFELDII, Grn. - V.H.S. pl. 110f10; Atlas pl. 94f13; Det. S. p. 945: (Biddulphia.) ---
- RALLOPAGEENSE, Cl. - N.L.K.D. p. 25-3f72; Det. S. p. 950: (Stictodiscus.) -
- REVINUM, A.S., Atlas 30f16; Malaisie; Det. S. p. 922;
- RIBBOSUM, Bail. & Jarv. p. 131-9f32; Prit. p. 355; Det. S. p. 945: - (Lampriscus)
- var. *crenulata*, A.S., Atlas 30f17; (Lampriscus & T. cl.)
- var. *elongata*, A.S., Atlas 30f21;
- var. *excisa*, A.S., Atlas 30f14, 15;
- RIGANTEUM, Grev. - T.M.S. 1361p. 77-9f10; Atlas 76f2; Det. S. p. 927;
- GLANDARIUM, A.S., Atlas pl. 123f19;
- GLANDIFERUM, A.S., Atlas 127f9, 10;

Harrisonianum,
"v. gibbosa, gts. J.D.C. '86 p. 326:

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- CLOBULIFER, Brn. I39I.47-I3fI5; Del.S.p.935;
 * v.rotunda, Br.I39I.47-I3fI4;
 GODDEROYI, Grn.-Atlas 75f3; Witt I333p.22-3fI3; (Amphipentag.)-
 GRACIL, Brn. I355p.249-4f3; Prit.p.357; Atlas 52f5; Part.2p.9I;
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 * fol.pentagona, Part.I.52-4f33; 2p.9I; Not.I333p.320; -(Amphipentag.)
 * v.amplata, Witt.-Atlas I33fI; (Ochloporum.)--
 v. quadrata, -J.O.C.I357p.I37;
 v.pentagona, Grn.-Atlas 36f5-5; Br.I39I.2I-3fI0; 7f7; -(Amphipentag.)
 v.septangulata, Kitt.-Atlas 35fI,2; 3fII-I3; (Nothoceratium.)
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 GRATIOSUM, Grev.-I.M.S.I33I.35-I0fI2,I3; GRATI
 GRATUM, A.S., Atlas 77fI9; Del.S.p.940;
 GRAVE, A.S., Atlas 77fI7; Witt I333p.22-7fI,I3; Del.S.p.940;
 GROVEI, Part.I.52-22fI93; 2p.9I; Notar.I333p.327;
 (Amphipentag.; -l.acutangulum, var.)
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 GRUNOWIANUM, Grev.I337p.II0-I3f5; Notar.I339p.700; Del.S.p.919;
 GRUNOWII, Jan.-Atlas 33f5-7; Del.S.p.922;
 GUROVII, Part.3p. -24f35I; Del.S.p.940;
 GUTTATUM, Cleve MSS.; Atlas 79fI7; (Amphitetras punctata.)---
 HARRISONIANUM, Grev.-I.M.S.I335p.55-3f25; Witt I333p.22-7f3; Walker &
 Chase 2p.3-4fI,2; Del.Vol.2, No.22p.235; Del.Syll.1.929;
 (Valves incisae Tric. radiati, Brightwell???)
 HARRISONIANUM, Norman.-I.M.S.I33Ip.75-9f9; Atlas 75fI4-I0; 3f3,9,I7;
 I50fI9; J.O.C.I333p.320; Walker & Chase 2p.5-4f4,5; Wollé, I00fI0,I4;
 Del.S.p.93I;
 * v.solida, Walk. & Chase 2p.5-3fI2; Bot.Cblt.I333p.I3fI; Del.S.p.932;
 HEIBERGII, Grn.------(Vide Heibergianum.)-
 HEIBERGIANUM, Grn.-Heaw.I333p.I45; V.I.S.4I.II2f9-II; Part.2p.9I;
 Witt I335p.33-IIf3; Del.S.p.940,963; (Biddulphia; -l.maculatum.)---
 HEILPRINIANUM, K. & S.-I.B.C.I339p.2I0-93f3; Wollé pl.73f3,9;
 Del.S.p.949; (Biddulphia.)--
 HETEROPORUM, Grn.-V.I.S.-----, Wollé, I00f3; Del.S.p.940;
 HETEROSTICTUM, A.S., Atlas I5If28,29;
 HILARATUM, Part.3p. -27f403; Del.Syll.p.963;
 HORRIDUM, Brtw.-M.J.I353p.274-I7fI2; Del.S.p.972; -(l.armatum, var."g").-
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 * forma quadrifona, Part.2p.9I-25f333; Del.S.p.93I;
 HUNGARICUM, Part.3p. -I7f250; (Amphipentag.)-
 HYALINUM, Brtw.-M.J.I353p.275-I7fI3; Prit.p.357; (l.reticulatum.)-
 HYBRIDUM, Grn.-Cl.I330p.II2; Del.Syll.p.92I;
 * v.Australis, Grn.-Cl.I330p.II2; Del.S.p.92I;
 * v.Kamtschatica, Grn.-Cl.I330p.II2; Del.S.p.92I;
 HYSRIX, Part.2p.9I-I3f237; Spl.34f437; Del.S.p.933; (Trinacria.)-
 ICONIUM, Part.2p.9I-2fI357; Del.S.p.940;
 ILLOSTRUM, Part.3p. -25f375; Del.S.p.940;
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" var. G.H. - J.D.C. '86 p. 328:

- UPPERATOR, Witt 1335p.23-7ff5; Atlas 150ff12; Det.Syll.p.959;
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 IMPRESSUM, Grun.-Cl.& M.No.147; Atlas 151ff1-3; Det.S.p.955;
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 INCISUM, A.S., Atlas 76ff23-25; Det.S.p.945;
 INCONSPICUUM, Grev.-T.M.S.1331p.45, 69-3ff10; Atlas 77ff25-29; (Amphitetras.)
 INCRASSATUM, Cast. 1337p.110-9ff10; Not. 1339p.700; Det.S.p.913;
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 " v. lateopora, Grun.-V. 1. S. pl. 110ff2; Wille 99ff12; (Bidd.)---
 " v. macropora, Grun.-V. 1. S. pl. 110ff3; Atlas 123ff3;
 " v. nicobarica, Grun.-V. 1. S. pl. 111ff7;
 " v. neocensia, Grun.-V. 1. S. pl. 110ff4, 5;
 " v. tubulosa, Brin.-L.D. Vol. 2 No. 22, p. 244-2ff24-25;
 INFLATUM, Grev.-T.M.S.1333p.232-10ff15; Det.S.p.933; (Stictodactylus.)-
 INGLORIUM, Grev.-T.M.S.1335p.103-9ff13; (Amphitetras.)-
 INOPINATUM, Grev.-T.M.S.1331p.84-10ff10; (Entoponia.)---
 INORNATUM, Grev.-T.M.S.1332p.94-9ff10; (T. subradiatum.)-
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 " var. tetragona, Witt 1333p.24-7ff10; Det.S.p.909; (Amphitetras.)-
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 IRREGULARE, Grev.-T.M.S.1334p.92-12ff5; J.Q.C. 1335p.170;
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 " v. hebetata, A.V. 1. S. pl. 111ff10; J.Q.C. 1335p.170; (Biddulphia.)
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 JENSENIANUM, Grun.-Lan. 1333p.145; Cl. & M.No. 135; Atlas 77ff15, 16;
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 JOHNSONI, Ralfe, Prit.p.354; Det.Syll.p.972;
 JORDANI, Witt 1333p.23-7ff12; Det.S.p.945;
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* v. fossilis, Pantoc. 2, p. 91; 31. -34f430; 35f502; (Amphipentast.)

* v. triangularis, -LeD. Vol. Ip. 6-2f3:

* forma pentagona, Temp. -LeD. Vol. Ip. 6-2f2; (Amphipentast.)--

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* v. constricta, Schultze. -T.B.C. Vol. 13p. 210-92f3;

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* v. annulifera, Grm. -V. i. S. p. 114f10, 11:

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* var., A.S., Atlas 77f33, 39;

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* var., A.S., Atlas 123f1: *J.Q.C. 87p. 7!*

LINEOLATUM, Grev. -M.J. 1333p. 233-10f13; Del. S. p. 930;

* v. gratiose, Brn. -LeD. Vol. 2No. 22, p. 1. 2f13;

LOBATOGENMATUM, Brn. -LeD. Vol. 2No. 22, p. 245-2f19, 20;

* v. ornata, Brn. -LeD. Vol. 2No. 22, p. 245-2f21-23;

LOBATUM, Grev. -M.J. 1333p. 233-10f13; J.Q.C. 1336p. 323; Del. S. p. 934;

LOCZYII, Pantoc. 2p. 92-19f302;

(Amphipentast; -T. pentacrinum, var.)-

* v. conflans, Pant. 2p. 92-23f332; ¹³23 (Amphipentast?; -Monstrum? 330?)

LUCIDUM, Pant. Ip. 53-5f41; 2p. 92; Notar. 1333p. 327; Del. S. p. 953;

LUMINOSUM, Brn. & Temp. p. 52-6f3; Atlas 159f3; Del. S. p. 923;

MACULATUM, Kittol. -J.Q.C. 1371p. 139-14f14; -(Biddulphia & T. cincta, il.)-

MADAGASCARENSE, Grm. -V. i. S. p. 103f3; Atlas 31f13; 94f15;

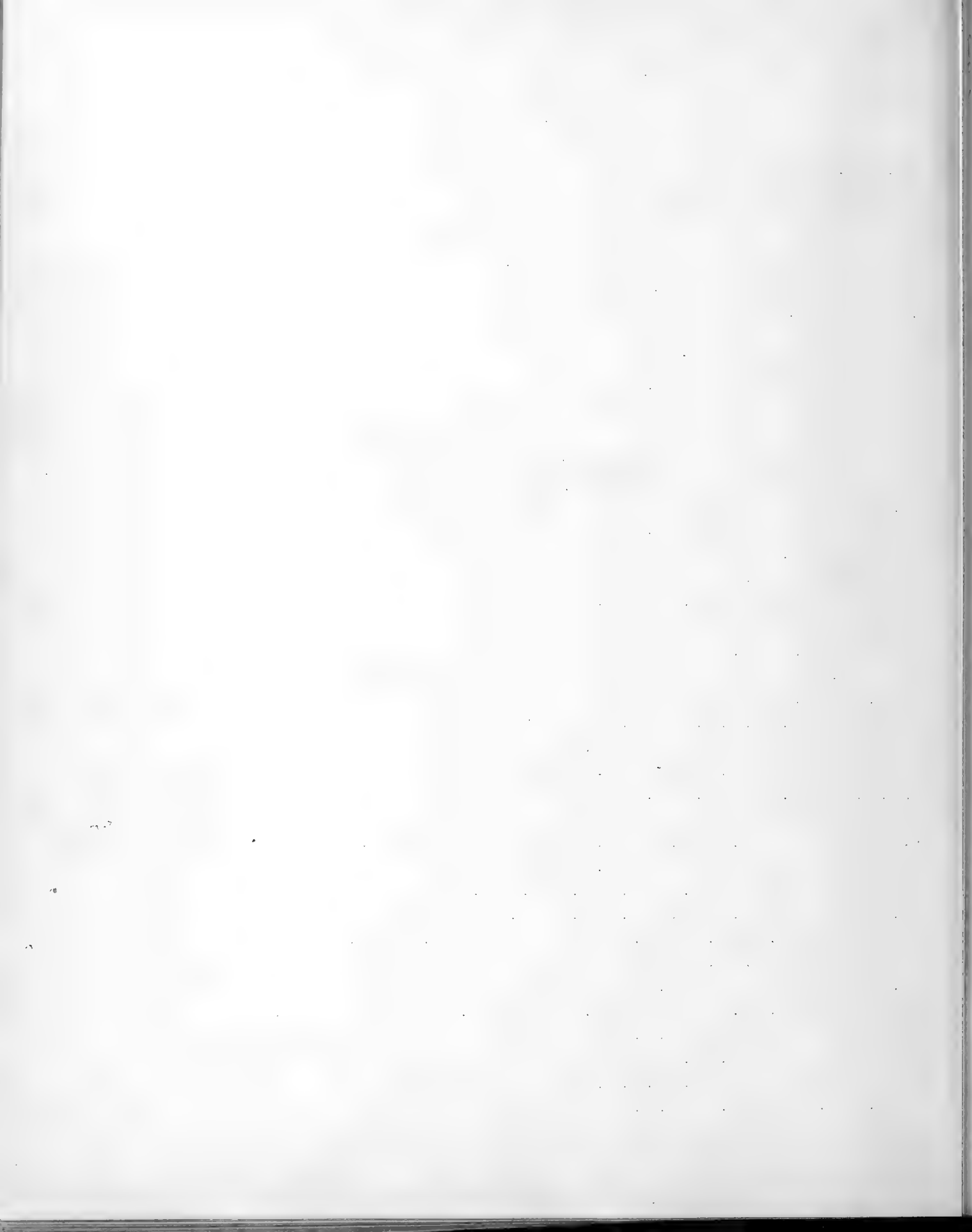
Pant. 2, p. 92; Del. Syll. p. 945;

(Oonocella.)--

MAJUS, Grev. & Sturt. -Atlas 127f1, 2; 163f15:

(T. venulosum, var.)--

J.Q.C. 86p.



- MALLEUS, Britw.-M.J. 1353p. 164-8f5, 7; Prit. p. 357; (Bellerophon.)--
 " v. tetragona, *M.H.* -V. 1. S. pl. 114f1;
 MAMMIFERUM, Grin.-V. 1. S. pl. 112f6; Del. Syll. p. 959; (Quontella m.)--
 " var. *minor*, *Grin.* -V. 1. S. pl. 112f7;
 MAMMOSUM, Grev.-T.M.S. 1330p. 9-2f19; Del. S. p. 965;
 MARGARITACEUM, Rafis.-Prit. p. 355; Del. S. p. 972;
 MARGARITIFERUM, Cl.-M.N.K.C. 1. 23-5f73; Atlas 152f32; (Margaritaceum.)--
 MARGINATUM, Britw.-M.J. 1353p. 275-13f17; T.M.S. 1330p. 143-7f4;
 1331p. 31-10f5; Prit. p. 354; (Entogonia.)--
 MARYLANDICUM, Britw.-M.J. 1353p. 275-17f17; Prit. p. 353; Atlantic City;
 Sm. Sp. 1. 301; wolle, 10f3; (T. (Actinoptychis) arbol, *Deless & m.*)---
 MEGASTOMUM, E.-*M.H.* Ber. 1345p. 81; Mik. pls. 35A-17f14; 35A-13f14; V.
 S.A. p. 140; Weisse Gr. p. 309-2f63; Prit. p. 355; Del. S. p. 973;
 MEGASTOMUM, Britw.-M.J. 1353p. 243-4f7; Atlas 93f3, 7; Fortm. Cey. p. 59;
 Malaisie; (Quontella affine & m.; Tr. affine & favis.)--
 MEGAPORUS, E.- ; Edw. Vol. 5p. 145;
 MEMBRANACEUM, Britw.-M.J. 1353p. 251-4f15; S.B.D. 21. 102; Deby. Polan,
 p. 23; wolle, 10f5; (Bidd. 130p. 18; var.; T. striolatum.)--
 PERESCIVOVSKI, Part. 21. 92-27f395; Del. Syll. p. 957;
 MESOLEIUM, Grin.-~~V. 1. S.~~ Del. S. p. 971; (Amianthus.)
 MICROCEPHALUM, Grev.-T.M.S. 1331p. 74-9f4; Grin. 1334p. 17; -(Trinacria?)--
 MICROPORUM, E.-Abh. Ber. 1375p. 1. 1f16; (T. microstigma.)--
 MICROSTICTUM, Grev.-T.M.S. 1334p. 90-13f17; Del. S. p. 949;
 MICROSTIGMA, E.-Abh. Ber. 1375p. 1. 1f15 ?; (T. microporum.)--
 MICROTIS, Grin.-Part. 1p. 53-27f254; 2, p. 92; Del. S. p. 925;
 Notar. 1333p. 327; (T. tripos, v.)--
 " v. quadricellata, Part. 3p. -13f259; Del. S. p. 925;
 MINUSCULUM, Grin.-Cl. & M. No. 273; Del. Syll. p. 972;
 MINUTUM, Walker & Chase 2p. 9-4f15; Del. S. p. 944; Bot. Col. 16. 1331. 101;
 MIRIFICUM, Brin.-Edw. Vol. 2 No. 22, p. 245-2f16;
 MODESTUM, Grev.-T.M.S. 1334p. 93-13f14; Del. S. p. 924;
 MOLLERI, Part. 1p. 53-3f47; 2, p. 92; Not. 1333p. 326; Del. S. p. 935;
 MONTEREYI, Britw.-M.J. 1353p. 251-4f3; Prit. p. 355; Edw. N. 4. 11f11; Cl.
 1330p. 112; Atlas 94f1-3; 150f21; 159f7; Brin & T. p. 74; J.R.C. 1337 pp.
 76, 137-11f25; wolle, 102f1; 107f3, 9; Del. S. p. 922;
 " var. *primordialis*, Brin.-Atlas 135f4;
 MORLANDII, Grove & Sturt. -J.R.C. 1337p. 7-2f5; Notar. 1337p. 351;
 Atlas 123f5, 6; 150f22; Del. S. p. 929; (Entogonia Davyana, var.)--
 MORONENSE, Grev.-T.M.S. 1335p. 32-4f13; Grin. 1333. 102;
 J.R.C. 1335p. 139; Del. S. p. 949; (Biddulphia.)--
 " v. *Nicobarica*, Grin.-V. 1. S. pl. 110f6;
 MUCRONATUM, A.S., Atlas 111f1, 2; Part. 2, p. 93; Del. S. p. 933;
 MULTIFRONS, Brin & Tam. p. 33-3f2; Atlas 163f3; Del. S. p. 952;
 MULTIPLIX, Jan.-Atlas 75f1; 3f14; (Nothoceratium; -Stictodiscus.)
 MURICATUM, Britw.-M.J. 1353p. 249-4f5; Prit. p. 356; Atlas 33f3-10;
 wolle 11. 102f7; Del. Syll. p. 923;
 " var. *fossilis*, Partoc. 1p. 52-26f240; (T. fossile.)--

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- NANKOORENSIS, Griseb.-V. i. S. pl. IIof9, II; Det. Syll. p. 945;
(Biddulphia; -Tr. acutangulum.)
- NEBULOSUM, E.-Abh. Ber. I372p. 300; Det. S. p. 971;
- NEBULOSUM, Grev.-T. M. S. I35Ip. 35-Iof15; Det. S. p. 962;
- NEGLECTUM, Grev.-T. M. S. I35Ip. 7-2f20; J. Q. C. I337p. 7;
Det. S. p. 952; Led. Vol. 2, pl. 20, Note; (Capsula)
- NICOBARICUM, Griseb.-Atlas 73f21, 22; Det. S. p. 947;
- NITESCENS, Grev.-T. M. S. I35Ip. 3-2f19; J. Q. C. I335p. 325;
Atlas I27f12; Det. S. p. 953;
- NITIDUM, Grev.-T. M. S. I35Ip. 44-4f13; Det. S. p. 955;
- NOBILE, ³²Wille I335p. 34-Iof3; IIf4, 7; J. Q. C. I335p. 170; Pant. 2, p. 90;
Atlas IIf25-29; I50f25; Det. S. p. 967; -(Amphipentast, p. p.; -A' tetras. pl.)
- NORMANNIANUM, Grev.-M. J. I363p. 234-Iof19; Det. S. p. 952;
" v. sextans, Brin.-Led. Vol. 2No. 22, pl. 2If7;
- NOTABILE, Grev.-T. M. S. I35Ip. 74-9f2, 3; Det. S. p. 950;
- NOTIUM, Pantoc. 3p. -20f233; Det. S. p. 945;
- NOVAE-CAESARAE, Boyer. - ?? (Hydrosera.) --
- NOVAE-ZEELANDIAE, Grove & Sturt.-Atlas I27f2-3;
- NUDUM, Pant. Ip. 53-4f38; Not. I333p. 623; Det. S. p. 923; (T. muricatum.)-
- OAMARUENSE, Grove & Sturt.-J. Q. C. I337p. I35-Iof13; Atlas I23f2;
Notar. I337p. 355; Det. Syll. p. 926; (Tr. paritum.)-
- " v. sparsim-punctata, Grove.-Atlas I59f4;
- OBESUM, Grev.-T. M. S. I354p. 90-I3f11; J. Q. C. I337p. 7; Atlas 94f7;
Det. S. p. 970;
- " forma tetragona, Brin.-Led. Vol. 2No. 22, pl. 2If3;
- " var., A. S., Atlas I23f15;
- OBLIQUUM, Griseb.-V. i. S. pl. IIof11; Wille, I03f10;
Det. S. p. 957; (Biddulphia.)-
- OBSCURUM, Grev.-T. M. S. I35Ip. 75-9f3; Atlas 75f5;
Wille, I02f10; Det. S. p. 952;
- OBUSUM, E. ~~Abh.~~ Ber. I344p. 33; Amer. p. I37; Mik. pl. I3f43, 49; V. B. p.
I39; V. S. A. p. I40; Det. S. p. 973; (Euodia Brightwellii; -T. parallelum, v.)
- OBUSUM, Britw.-M. J. I353p. 251-4f20; S. B. D. 2, p. I03; Prit. p. 357; T. M. S.
I366p. 3; Petit Cat. p. 37; Fortm. Cey. p. 30; Cl. I373p. I6; I330p. I6;
Atlantic City; Deby Polar p. 23; Wille, I04f7; I03f3; Nord P. p. 457
Det. Syll. p. 972; (T. favis & pileolis.)-
- OCCELLATUM, E. ~~Abh.~~ Ber. I345p. 363; Mik. p. I40; V. S. A. p. I41;
Prit. p. 355; Det. S. p. 973;
- OCULATUM, Grev.-T. M. S. I354p. 94-I3f20; (Amphitetras.)-
- " forma hillabyana, Brin.-Led. Vol. 2No. 22, pl. 24f9;
- ORBICULATUM, Shadb.-T. M. S. I354p. I4-I5f3; M. J. I354p. 275-I7f20;
Prit. p. 953; T. M. S. I352p. 23; Breb. Verm. p. 70; Jan. & R. p. I4-2f5;
Cl. I373p. I7; Perag. p. 75; Malaisie; Det. S. p. 942;
- " v. elongata, Griseb.-M. M. J. I377p. -I9f2; Det. S. p. 942; -(T. oriole.)----
- ORIENTALE, Bailey & Harvey p. I79-9f19; (T. favis & pileolis)
- ORNATUM, Grev.-T. M. S. I35Ip. 45; Atlas 95f13; Det. Syll. p. 940;
Wille pl. I0If15;

parallelum,

" forma hexagona, Gr. J. m. s. 1865 p. 104-9 f. 23:

" v. y. rata, J. d. c. '86 p. 326:

" v. pentagona, J. d. c. '86 p. 326:

" v. q. =, J. d. c. '87 p. 138-14 f. 58:

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PALLIUM, Grev.-T.M.S. I364p.34-10f7; Witt I333p.27-7f19, 21;

Del.Syll.p.933;

PALMIPES, Brn.-

(T. Samsayi; -Trinacria.)--

PANTOCSEUM, Grun.-Pant.Ip.53-4f34, 36, 37; 2, p.93; Atlas 93f9, 9a;

Notar. I333p.323; Del.S.p.921;

(T. Wille, 1.1.1.)

"forma convexa, Pant.Ip.54-5f40; 2, p.93;

PAPILLIUM, Grove & Start.-J.Q.C. I337p.73-3f14; Notar. I337p.35f;

Atlas I23f16; I37f5, 6; I33f3; Del.S.p.963;

PARALLELUM, Grev.-T.M.S.¹⁸⁶⁵p.104-9f22; ~~33~~; Grun. I333p.24, 102; Atlas

75f3-5; J.Q.C. I335p.170; I336p.326; I337p.133-14f23; Wille, 100f

II, 12, 15: Amphitetras; -Biddulphia; -Nothoceratium; -T. obtusum, E.)--

" var. Balearica, A.S., Atlas 31f2;

(Amphitetras B.)----

" v. Colonensis, A.S., Atlas 31f1;

(A'tetras.)--

" v. Madagascarensis, Grun.-V.H.S.pl. IIII3;

" v. sparsa, A.V.H.S.pl. IIIII;

(Biddulphia?)--

" v. trigona, Grun.-V.H.S.pl. IIII5; Atlas 75f11, 13; 75f14-17, 30; ~~Oamaru~~;

" v. " forma larva, Grun.-V.H.S.pl. IIII2, 4, 6;

PARVUS, A.S., Atlas 79f15; Del.Syll.p.943;

PARMA, Bailey.-Lens Vol. 2p.232; Del.S.p.972;

(Coscinodiscus; -Stictodiscus.)----

PARVULA, Brtw.-M.J. I353p.275-17f2; T.M.S. I360p.141;

Prit.p.355; Del.S.p.972;

" var. "b" tetragona, West.-T.M.S. I360p.147-7f1; Prit.p.355;

PARTIUM, Grev.-T.M.S. I364p.14-2f3; J.Q.C. I336p.327; (T. Oamaruense.)--

PATAGONICUM, A.S., Atlas 32f3; Del.S.p.925;

PARVULUM, Cleve, Vega p.503; (Amphitetras.)--

PAUPERCULUM, Grev.-T.M.S. I365p.55-3f26; Del.S.p.953;

PAVIMENTOSUM, Castr. I337p.103-13f3; Not. I339p.700; Del.S.p.955;

PECTINATUM, Grev.-T.M.S. I362p.92-9f3; Del.S.p.930;

PENTACRINUM, Wallich.-M.J. I353p.1-12f10-12; Prit.p.357; ~~13f12~~ V. 13f12.

p.65; Fortm. Cey. p.30; M.T.P. 4-5-4; Cl. I373p.5; Vega p.509; Atlas

93f7-13; Atti Soc. Ital. Sci. Nat. I365p.272; Wille, 39f3, 7; 101f16;

(Amphipentast alternans & p.: -A'tetras. alternans-alisata-orinata.)-----

" var. "b" quadrangula, Wallich.-M.J. I353p.1-12f14;

Prit.p.357; Malaisie;

PERAGALLOI, Pant. 2, p.93; 3p. -10f172; Atlas I37f3; Del.S.p.936;

PERMAGNUM, Jan.-Gaz. Exp. pl. : J.Q.C. I336p.326; Del.S.p.972;

PERMINUTUM, Grev.-T.M.S. I364p.39-13f13;

PERPUSILLIUM, Grev.-T.M.S. I364p.92-13f13; Del.S.p.969;

PERRYANUM, Witt I333p.24-3f12;

(Amphitetras.)--

PETALOI, Pantoc. 2, p.93; 3p. -23f339;

PETITII, Pantoc. 2p.93-22f323; Del.S.p.959;

PICTURATUM, Grev.-T.M.S. I363p.33-9f19; Del.Syll.p.931;

PILEATUM, Grun.-V.H.S.pl. II2f3; Del.S.p.926; (Pseudocoscinodiscus.)

PILEOLUS, E.-Anh. Ber. I344p.205; Mik. pl. 35A-2f17; K.S.A. p.140;

Weisse I354p.242-1f20; Prit.p.355; Carr.p.96; Wille, 103f1;

(T. obtusum, Brtw.; -Trinacria.)

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- PILEUS, E. - ~~Mik.~~ Ber. I340p. 23; Mik. pl. I9f13; W.B.p. I39; W.S.A.p. I40;
Prit.p. 356; Fortm. Cey. p. 59; Wollé, I03f2; Pant. 2p. 93; Del. Syll. p. 943;
(Tric. armatum, serratum, setigerum, spinosum.) ---
" v. robustior, Pant. 2p. 93; 3pl. 42f574; Del. S. p. 944;
PLANO-CONCAVUM, Brun & Temp. p. 63-6f9; Led. Vol. Ip. 5-If I;
Del. S. p. 929: (T. Forrestieri.) ---
PLENUM, Gro. & Start. - Atlas I39f3; Del. S. p. 943; -(T. weissflogii, Grove.)
PLICATUM, Grun. - V.A.S. pl. II3f10; Atlas 94f3; Del. S. p. 937: -(Biddulphia)
" forma obtusa, Brun. - Led. Vol. 2No. 22, pl. 2If II, I2;
PLUMOSUM, Grev. - T.M.S. I364p. 85-I0f4; J.Q.C. I337p. I33; Del. S. p. 919;
POLYCYSTINORUM, Pantoe. - (Entogonia Saratoviana.) -
POLYGIBBUM, Pant. Ip. 54-5f44: (Nothoceratium.)
POLYGONUM, Grev. - T.M.S. I365p. I04-9f14; (Nothoceratium; -Stictodiscus.)
PONDEROSUM, E.M. Edw. - Lens 2, p. I05: -(Nothoceratium; -T. favus, v. sexang.) -
PORTUOSUM, Jan. - Atlas 3If13; (Nothoceratium; -T. Eilensteinii.) ---
PRAEFEROX, Pantoe. 3p. - I5f32I; Del. Syll. p. 943;
PRAETENUE, Grev. - T.M.S. I364p. 37-I3f16; Atlas 95f20: (Tinacria.)
PRODUCTISSIMUM, Bergon. - Led. Vol. Ip. 7-If4; Del. S. p. 934;
PRODUCTION, Grev. - T.M.S. I36Ipp. 45, 39-3f9; Del. S. p. 933: -(T. Balearicum.) -
PROMINENS, Grev. - M.J. I363p. 23I-9f10; Del. Syll. p. 929;
PROPRIUM, Pantoe. 3p. - 23f4I3; Del. Syll. p. 947;
PROTRACTUM, Pant. 2p. 93-I9f005; Del. S. p. 959;
PSEUDO-ARCTICUM, Pantoe. 3p. - 29f426; Del. S. p. 947;
PSEUDO-NEURALIUM, Grove & Start. - J.Q.C. I337p. I33; Atlas I27f4;
Del. S. p. 937; (T. cancellatum, off G. S.)
PULCHELLUM, Grun. - Atlas 93f16, I7; Del. S. p. 909: -(A' tetras.; -Entogonia.)
PULCHERRIMUM, Grev. - T.M.S. I36Ip. 32-I0f3: (Entogonia.) -
PULVILLUS, Castr. I337p. I03-3f3; Notar. I339p. 700: (Amphitetras.) -
PULVINAR, A.S., Atlas I23f3; I33f7; Del. S. p. 910: (Amphitetras.)
PUNCTATO-LINEATUM, A.S., Atlas I50f7, 9:
PUNCTATUM, Wallich. - T.M.S. I360p. 43-2f2I: (T. wallichii.) -
PUNCTATUM, Brtw. - M.J. I356p. 275-I7f13; Prit. p. 353-3f20; Edw. N. 4. p. 1500 -
If2, 7; Lewis ~~X86~~ p. 70; Petit Cat. p. 33; Table Bai p. 6; Lagr. I376
p. I5; Sm. Sp. 1. No. 802: M.T.P. 4-5-3; Cl. I378p. I6; Vega p. 503; Fortm.
Cey. p. 59; Atlas 76f19, 20; Brun & Temp. p. 74; Wollé, I0If9, I2;
Del. Syll. p. 944: ~~Fortm. S.M. p. 25~~: (Biddulphia.) --
" vars., A.S., Atlas 79f16: V.A.S. pl. I09f6, 9, I0: { $\frac{5}{3}$ - 9 mm}
" var., A.S., Atlas 3If6, 7:
" v. tetragona, A.S., Atlas 93f5: --quadrata???-: (Amphitetras?)
PUNCTIGERUM, Castr. I337p. I03-I3f4; Notar. I339p. 701; Del. S. p. 939;
QUADRANGULARE, Grev. - T.M.S. I365p. I0-2f26; Sm. Sp. 1. No. 599:
Atlas 8If3; Brun & T. p. 74; Wollé, I03f3: (A' tetras.) ---
" var., Grun. I363p. I03:
" var., Brun & Temp. p. 74;
QUADRATUM, Grev. - T.M.S. I365p. I04-9f19: (Stictodiscus?) --
QUADRICORNE, Grev. - T.M.S. I365p. I03-9f13: (A' tetras.) ---
QUADRINOTATUM, A.S., Atlas I32f3I; Del. Syll. p. 910: (Amphitetras q.) --
QUINQUEGUTTATUM, Grun. - V.A.S. pl. II3f13; Del. S. p. 955: (nemialis.) -

TRICERATIUM.---

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QUINQUELOBATUM, Grev.-T.M.S.1366p.33-9f2I; Atlas 79f3;

Villef.p.39;

(Amphipentax; -T.arcticum, v.)--

RACIANS, Brin. & Temp. p.34-3f5; Atlas 136f5; Del.Syll. p.927;

* forma quadrata, Brin.-Atlas 136f3;

(Amphipentax.)--

RACIATO-PUNCTATUM, A.S., Atlas 94f14; Del.S. p.950; *Amphip.*

* v. calcarea, Brin. & Temp. p.34-2f17; Del.S. p.950;

RACIATUM, Brin. & Temp. p.34-17f14; T.M.S.1330p. -7f1; Prit. p.

854; Walker & Chase 2p.4-4f5; Atlas 136f39; Del.

Syll. p.952;

(Biddulphia; -Capsula; -T. tarumanniensis.)

* v. minor, A.S., Atlas 151f40;

RADIOLATUM, Janisch.-Atlas 151f37, 38;

RADIOSO-RETICULUM, Brin. & Temp. p.34-1f12; Del.S. p.925;

(Biddulphia?)--

RATRAYII, Pantoc. 2p.94-29f417; Del.Syll. p.933;

(Tr. deformatum; -Trinacria.)--

RECEPTUM, A.S., Atlas 31f10; Wille, 10f13; Del.S. p.953;

RECTANGULARE, Grove & Sturt.-J.Q.C.1337p.135-10f17;

Notar.1337p.355;

(Amphipentax.)--

REGINA, Wille pl.105f17; -(Nothoceratium; -T. favus, v. sexangulata.)

RENUNCIATUM, Pantoc. 2p.94-2f319; Del.S. p.933; -(T. flos, v. hebetata.)-----

REPLETUM, Grev.-T.M.S.1366p.33-9f13; Walker & Chase 2p.7-4f7;

J.Q.C.1337p.133; Del.S. p.933;

* v. Balearica, Brin. & Temp. p.34-1f10f7;

RETICULATUM, Grev.-T.M.S.1366p.104-9f2f; (Entogonia; -Nothoceratium)

RETICULUM, L.-Mon. Ber.134p.389; Mik. pls.13f50; 33-10f13; K.S.A. p.

140; M.J.1353p.251-4f17; Weisse 1354p.241-1f13a, b; Prit. p.357;

Atlas 73f4, 2; Wille, 104f5, 6; 103f10; Fother. Cey. p.59;

(Biddulphia & T. flos; -Tr. punctatum.)--- *Finlay's group?*

RIVALE, A.S., Atlas 34f1; 93f3, 3a; Del.Syll. p.910;

(Asterias.)--

ROBERTSIANUM, Grev.-M.J.1353p.251-9f9; T.M.S.1366p.7-2f22;

Atlas 33f2, 3, 5-7; Del.S. p.919;

(T. grande.)--

* vars., A.S., Atlas 32f14, 15;

33f4;

ROBUSTUM, Grev.-T.M.S.1366p.71-3f15; Atlantic City;

Wille, 101f11; Del.S. p.935;

ROPERIANUM, Grev.-T.M.S.1366p.93-9f3; Del.S. p.943;

ROSTRATUM, Petit Nimrod p.3-3f3; Del.S. pp.944, 1013;

(Ditylimum r.)--

ROTIFER, Fortm. Cey. p.31-9f103; Del.S. p.943;

ROTUNDATUM, Grev.-T.M.S.1366p.75-9f6; Atlas 94f3; 123f12;

J.Q.C.1336p.327; Witt 1333p.22-7f2; Del.S. p.965;

RUGOSUM, Grove & Sturt.-J.Q.C.1337p.75, 135-5f4; 14f23;

Notar.1337p.352; Atlas 127f13; Del.S. p.923X

(Capsula.)--

RUSSLANDICUM, Temp.-L&D. Vol.1. p.1.3f3; Del.Syll. p.931;

RYLANDSIANUM, Grev.-T.M.S.1366p.90-12f6; Del.S. p.939;

RZEHAII, Pantoc. 2p.94; 31f. -1f14; Del.S. p.933;

SARATOVIANUM, Pantoc. 2p.94-7f122; Del.S. p.932;

SARCOPHAGUS, Casti.1337p.109-6f3; Notar.1339p.701; Del.S. p.923;

SARMATICUM, Pantoc. 2p.94-23f393; Del.Syll. p.931;

SCHUMBERGERI, Brin. & Temp. p.35-3f3; Atlas 159f9; Del.S. p.953;

- SCANDIUM, Jan.-Atlas 33fI,2: (Nothoceratium.)----
- * var., A.S., Atlas 33f5,4:
- SCITULUM, Britw.-M.J.1355p.250-4f9; Prit.p.357; Grun.1363p.24;
M.T.P.4-5-II; Fortm.Cey.p.59; Atlas 33fII,13; Wolle,105fI;
Malaisie; Del.Syll.p.922:
- * var., A.S., Atlas 34f5; Malaisie;
- SCOPUS, Brun.-LeD.Vol.2No.22pl.20, Note; pl.24fI2: (Caperla s.)---
- SCULPTUM, Shad.-T.M.S.1354p.15-1f4; Prit.1.35; Pet.Cat.1.37; Fortm.
Cey.p.60; Atlas 73f9-II; 150fI7; - - - - - Mobile;
Villef.p.69; Wolle,105f5,5: (Biddulphia; -T.punctatum.)----
- * var., A.S. Atlas 73fI2,3I:
- * var., Wolle pl.III f4;
- * v.Petroliolitara, Grun.-V.A.S.pl.III f3:
- SECEDENS, A.S., Atlas 123f3,4: (T.grandis?)--
- SECCERNENSUM, A.S., Atlas 73f3; Wolle,100fI7; Del.Syll.p.947;
- SEMICIRCULARE, Britw.-M.J.1355p.252-4f2I; Wolle,105f2-4;
T.B.C.Vol.13p.75-89f3: (Eudua Brightwellii.)---
- SENSEI, Pant.2p.94-23f339; Del.S.p.93I: (Trinaxia palmipes.)
- SENDAIENSE, A.S., Atlas 165fI:
- * forma quadrata, A.S., Atlas 163f3: (Amphitetras.)--
- * var., A.S., Atlas pl.135f2,2x:
- SENTUM, A.S., Atlas 150f2-3;
- SEPARATUM, A.S., Atlas 73f3; Del.S.p.945;
- SEPTANGULUM, - - - - - Sm.Spl.1.No.602: (T.favus, v.sept.)---
- SEPTUM, Pant.2p.94-14f246; Del.S.p.933;
- SERRATUM, Wallich.-M.J.1353p.243-12fI-3; Prit.p.355;
Del.S.p.973: (T.s. mosen.)--
- SETIGERUM, Bailey N.S.p.II,f26: (T.s. mosen.)--
- SEXANGULUM, Grev.-T.M.S.1365p.103-9f24: (Nothoceratium.)----
- SEXPARTITUM, Grove & Start.-J.R.C.1337p.145-14f34: (Nothoceratium)
- SEYCHELLENSE, Grun.-V.A.S.pl.IIOfI; Atlas 3If5;
Del.Syll.p.945: (Biddulphia.)--
- SHADBOLDTIANUM, Grev.-V.A.S.pl.I03f5-7; Atlas 30fI3-20; Malaisie;
~~Quontella-lampricens.~~ Villef.p.70; Witt 1338p.22-6fI7; Del.S.p.954;
(Quontella-lampricens.)-
- SHADBOLDTII, L.W.Bailey, -B.J.N.A.133I p.343-1f60,6I;
Wolle,34fI0; Del.S.p.973;
- SIDEREUM, A.S., Atlas 152f2I; Del.S.p.910: (A'tetras.)--
- SIMPLEX, Brun & Temp.p.65-5fI2; Del.S.p.935;
- SIMPLICISSIMUM, Witt 1335p.34-3f7,9; Atlas 150fI3;
Pant.2p.95; Del.S.p.963;
- SINENSE, Schwartz.-Rabh.Alg.No.240; Heaw.Vol.13p.166;
Del.S.p.973; Petit Nimrod p.7-4f3: (Actinoptychus annulatus.)----
- SMITHIANUM, Grev.-T.M.S.1364p.92-13f7; Del.S.p.950;
- SMITHII, Pant.2,p.95; 3p. -5f33; Del.S.p.934;
- SOKOLOWII, Pant.3p. -22f33I; Del.Syll.p.947;
- SOL, *West* -A.S., Atlas 152f4-9: (Ditylium.)---

Monoceros, E. - Jan 21: 31.

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- SOLENOCEROS, L. - ~~M.~~ Ber. I344p.273; A.S.S. I345p.329-4f23; K.S.A.p. I40; M.J. I353p.243-4fI; Prit.p.356-6fI5; Atlas 77f2I; 96fII; Part. Ip.54-23f28; 2p.95; Atlantic City; Wollé, IOIf3: -(Trinacria regina.)-
SPECIOSUM, Pantoc.3p. -I2fI95; Del.S.p.947;
SPECTABILE, Weisse Giano p.307-2f67; Del.Syll.p.97I;
SPINOSUM, Bailey.-A.S.S. I343p. I39-3fI2; K.S.A.p. I4I; Malaisie; Prit. p.353-6fI9; R.E.D.p.3I6; Atlas 37f2,3,7; Atlantic City; Villef.p. 70; Wollé, 25f22; 77f4,9,IO; IO2f2,5; Del.S.14.923,973; (Tr. armatum, seriatum, setigerum, triaetylum.)--
" v. ornata, Grove & Sturt.-J.Q.C. I336p.329-I9f20; Atlas I50fII; Notar. I337p.352; (T. fallaciosum.)----
SPINULOSUM, Grun.-Atlas 37fI; Malaisie; Del.S.p.925;
SQUAMATUM, Part.2,p.95-9fI64; Del.S.1.93I;
" v. radiata, Brun.-Led. Vol.2No.22,p.245-2fI3;
SQUAMIFERUM, Pantoc.- (Entogonia Tindanii.)
STAUBII, Part.3p. -35f5I3; Del.S.1.97I;
STIGMATICUM, Part.3p. -22f324; Del.Syll.1.947;
STOKESIANUM, Grev.-T.M.S. I333p.3-2f23; Brun & T.p.74; J.Q.C. I335p. I69-I2f5; I337p. I37; Del.S.p.927; Part. Ip.54-IOIf37; 2p.95;
" v. Moravica, Pant.2p.95; Atlas II2fI9; I59f2;
STOLLERFOLHI, Witt I333p.23-7fI3; Del.S.p.967;
STRABO, A.S., Atlas 36f3,7; Witt I333p.22-6f9; (Nothoceratium.)
STRIOLATUM, L.-Kreid. I340p.79-4f9; K.B.p. I39-I3fIO; K.S.A.p. I40; M. J. I353p.250-4fIO; T.M.S. I354p.74-6f3; I359p.23 cum icones; Prit.p. 355; Weisse I354p.24I-IffI3e,a; Lewis N. & R.S.p.95; Gall.p.96; Ill; R.E.D.1.3I3; M.M.J. I373p. I65; M.T.P.4-5-9; Del. I373p. I5; Cl. I373, pl. If2; Perag.p.75; Wollé, IO4fII, I2, I4; Del.S.1.943; -(Amphitetras Wiessii; -Bidd. rhombus, var.; -T. arcticum, intricatum, membranaceum.)--
STRIOLATUM, W.Sm.B.D. Ip.27-5f46; Vol.2p.37; (T. undulatum.)--
STURII, Pant. Ip.55-22fI94; 2p.95; Notar. I333p.329; (A' tetras.; -T. Balearicum, v.)-
SUBCAPITATUM, Grev.-M.J. I333p.254-IOf20; Atlas 96f22-24,26; Del.S.p.96I; (Trinacria.)---
" v. baccata, Brun.- (Hemianthus pileolus, v. bacc.)--
" v. Russica, Pant.2p.95-23f349;
SUBCORNUTUM, Grun.-Atlas 99fI5-I3; Wollé, IOIf4,5; Del.S.p.909; (A' tetras.)
SUBLIME, A.S., Atlas 93f3; Del.S.p.922;
SUBORBICULARE, Part.2p.95; 3pl.3f47; Del.S.p.936;
SUBRADIATUM, Grun.-Cl. & M.No.273; Del.S.p.972; (T. inornatum, v.)
SUBROTUNDATUM, A.S., Atlas 93fI; Del.Syll.1.922; Wollé, IO2f3; II2f7; (A' tetras.)
SUCCINCTUM, Witt I333p.24-6fI3-20; Del.S.pp.945,953;
SZAKALENSE, Part. Ip.55-5f45; 23f272; Del.S.1.953;
TABELLARIUM, Brtw.-M.J. I353p.275-I7fI5; Prit.p.354; Cl. I373p. I7-3f3I; Wollé, IOOf0; Del.S.1.953; -(T. brevinternum verileum.)
" var., A.S., Atlas 77f3-5;

Trigonostoma Bai Bey. ? (Ditylum)

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- * var. major, Grove & Sturt. - Det. Syll. p. 954; - (Tr. venulosum, var. n.)
 * v. diplosticta, A.S., Atlas 77f1, 2;
 TECTUM, Part. 3p. - 22f322; Det. S. p. 947;
 TEMPEREI, Brun. - LeD. Vol. I. p. 33-3f7; Det. S. p. 913;
 TERTIARIUM, Part. 2p. 95-5f35; Det. S. p. 903; (Not-determined.) ---
 TESSELATUM, Grev. - T.M.S. 136p. 71-3f14; Atlantic City;
 J.Q.C. 1335p. 170-12f17; Det. S. p. 939;
 * var., A.S., Atlas 73f33;
 TETRAGONUM, Part. 2p. 95-3f143; (Amphitetras.) -
 THAIENSE, Cast. 1337p. 103-13f14; (Nothoceratium)
 THUMII, Part. I. p. 55-5f39; 2p. 93; Atlas 90f2, 2a; 125f1; Det. S. p. 922;
 THWAITESIANUM, Grev. - T.M.S. 1362p. 23-3f5; Det. S. p. 919;
 TRIASICUM, Part. 2p. 96; 3p. 12f139; Det. S. p. 935;
 TRIDACTYLOM, Britw. - M.S. 1353p. 243-4f3; Atlas 37f12;
 Woll. pl. 105f1; Cast. Dalmazie 1873p. 213 (Tr. spinosum.) -
 TRIFOLIATUM, Cleve. - N.L.V.C. p. 23-3f71; (Hyaloser.) -
 TRIFOLIUM, A.S., Atlas 73f4; Det. Syll. p. 955;
 > TRILINEATUM, Grev. - T.M.S. 1365p. 55-3f27; (Tr. radiatum.) --
 TRILINGULATUM, - A. Schmit. (Actinoptychus; - Schistia.) ---
 TRINITAS, Brun. - Atlas 166f3;
 * var. minima, Brun. - Atlas 166f4;
 TRIORBICUM, A.S., Atlas 126f7;
 TRIPARTITUM, Gran. - V.d.S. pl. 110f3; Woll. pl. 100f5;
 Det. Syll. p. 945; (Bidualphia.) --
 * forma miocena, Brun. - LeD. Vol. 2 No. 22, p. 246-2f27, 23;
 TRIPECTEN, Brun. - LeD. Vol. 2 No. 22, p. 246-2f9;
 * v. spatulata, Brun. - LeD. Vol. 2 No. 22, p. 246-2f10;
 TRIPES, Brun. - LeD. Vol. 2 No. 22, p. 246-2f14;
 TRIPLEX, Brun. - LeD. Vol. 2 No. 22, p. 246-2f15, 16;
 TRIPOLARE, Brun & Temp. p. 66-3f7; Atlas 166f1, 2; Det. S. p. 957;
 TRIPOS, Cleve, N.L.V.C. p. 24-3f72; Det. S. p. 925;
 Atlas 34f3; 15f4; (Tr. microtis.) -
 TRISULCOM, Bailey MSS.; Prit. p. 354-3f27; Atlas pls. 73f5-3;
 112f17, 13; J.Q.C. 1335p. 170; 1337p. 103; Witt 1333p. 22; Part. 2p. 95;
 Woll. 100f9, 10; Det. S. p. 959;
 * v. cuneata, Grove. - Atlas 150f13;
 * v. Haytiana, Witt 1333p. 22-7f15;
 * v. Hungarica, Part. 2, p. 93; Det. S. p. 959;
 * v. minor, Cl. - J.Q.C. 1335p. 170-12f3; Det. S. p. 959;
 * v. producta, Witt 1333p. 22-7f17;
 TRUAMII, Part. 2p. 96-13f296; Det. S. p. 957 & 973; (Entolonia.) ---
 TRUNCATUM, Britw. - M.S. 1356p. 274-17f4; Prit. p. 354; Det. S. p. 972;
 TRUNCATUM, Brun & Temp. p. 66-3f1; Det. Syll. p. 960;
 TSCHESNOVII, Part. - De Toni, Syll. p. 974; (Entolonia.) ---
 TULKII, Temp. - LeD. Vol. I. p. 6-2f6; Det. S. p. 942;
 TUMESCENS, Cast. 1337p. 109-3f9; Notar. 1339p. 701; Det. S. p. 919;

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TUMIDUM, Grev.-M.J. I333p.234-I0f13; Atlas 33f17; Del.S. p.957;

* v.costulata, A.S., Atlas 73f1;

TURGIDUM, A.S., Atlas 77f13; Del.S. p.943;

TURGIDUM, Cleve.-J.Q.C. I335p.169-I2f4; Del.S. p.963;

TURRIFERUM, Witt I333p.23-7f22, 23; Del.S. p.967;

UMBILICATUM, Ralfe.-Prit. p.354; Atlas 94f11; Del.S. p.957;

UNCINATUM, A.S., Atlas 94f4; Wille, I02f12; Del.S. p.926;

UNDATUM, Pant. 2p.96-I9f299; Del.S. p.957;

UNDOSUM, Pantoc. 2p.96-I9f304; Del.Syll. p.960;

UNDULATUM, E.-Atl. Ber. I344p.273; V.S.A. p.140; M.J. I350p.250-4f13;

I353p. -3f1-5, 3; weisse I354p.242-I1f19; Prit. p.355; Lewis, M. & G. p.35; Cl. Java p.3; I373p.17; Hall;

Atlantic City;

Atlas I51f41; Pant. Ip.55-I3f134; 2, p.96; Wille, I04f3, 9; I05f14;

Del.S. p.973;

(Biddulphia flos; -Ditylium; -T. Brightwelli, intricatum, striolatum.)--

* v. Petropolitana, Grun.-V. A.S. pl. I13f13;

UNDUM, Eulenstein.-

UNGUICULATUM, Grev.-T.M.S. I364p.35-I0f9; J.Q.C. I336p.323; -(A' tetras.)-

UVIFERUM, A.S., Atlas 83f14; Del.Syll. p.943;

VALIDUM, Grun.-Atlas 94f5; Wille, I02f11;

Del.S. p.957;

(T. trisilem, v.)---

VARIABILE, Brtw.-M.J. I356p.275-I7f19; T.M.S. I360p.149-7f7;

Prit. p.354; Fortm. Cey. p.60; Wille, 83f3, 5;

(T. alternans?)--

VARIEGATUM, Grev.-T.M.S. I361p.35-I0f14;

(Entoponia.)--

VASTUM, Pant. 3p. -I3f203; 40f556; Del.S. pp.947, 971;

VALES, Pant. 3p. -23f341; Del.S. p.969;

VENOSUM, Brtw.-M.J. I356p.274-I7f15; T.M.S. I360p.147-7f2; Prit. p.354-

8f17; Atlas 83f11, 12; 94f12;

J.Q.C. I336p.327; Ploc.

New Y. Mic. Soc. I336p.110-5f4; Walker & Chase 2p.5-4f10;

Del.S. p.953;

(Biddulphia; -T. major.)---

* var. major, A.S., Atlas pl. I50f1; *W.H.S. pl. 113f3*;

* v. parva, Weissflog.-Walker & Chase 2p.5-4f10;

Bot. Cbl't. I333p.131; Del.S. p.953;

VENTRICULOSUM, A.S., Atlas I11f3-7; Pant. 2p.96; Del.S. p.963;

VENULOSUM, Grev.-T.M.S. I334p.90-I3f21; Atlas 77f3-9; I2f13;

Wille, I00f2, 4, 7;

(T. Amasevski & tabellaria.)--

* v. Japonica, Brun & Temp. p.74;

* v. major, Grove & Start.-J.Q.C. I336p.327-I9f15, 16;

Notarisia I337p.352;

(T. tabellarium, v.)--

VENUSTUM, Witt I335p.34-3f3; Pant. 2p.96; Del.Syll. p.943;

* var., A.S., Atlas I10f13;

VERSICOLOR, A.S., Atlas pl. I63f7, 3; Del.Syll. p.910;

(Amphitetras; -T. coarulescens.)---

* v. cuneata, Brun.-Atlas I63f4;

VITTATUM, Pant. 2p.96-2f313; Del.S. p.941;

(T. curvato-vittatum.)----

WALLICHI, Ralfe, Prit. p.355;

(T. inaequalis, Wall.)--

WEBSTERI, Temp.-Lec. Vol. I. p.7-I1f3; Del.Syll. p.962;

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WEISSEI, Grun.-Atlas 95f2-I2, I4, I4a, I6; Pantoc. 2, p. 97;

Witt 1335p. 34-3f9; I2f3; Det. Syll. p. 933; *Exc. 186 p. 328*;

WEISSEANUM, Pant. 2, p. 93-23f403; Det. S. p. 931; --- (Valve coriacea?) ---

WEISSELOGII, Walker & Chase 2p. 3-3f2, 3; J. Q. C. 1337p. I33-II f22;

Led. Vol. I, p. 4f5; Notar. 1337p. 355; Det. S. p. 935;

WESTIANUM, Grev.-T. M. S. 133Ip. 43-4f11; Atlas 77f30, 32; 94f10;

Walker & Chase 2p. 3-3f9; Det. S. p. 935;

WIAMPOENSE, Schwartz.-Rabh. Alp. No. 240; Neww. 1374p. I63; Det. S. p.

973; (Hydrobia?) ---

WILKESII, Bailey & Harvey p. I73-9f7, 3; Det. S. p. 945; (T. arcticum, v. ?)

WILLII, Jan.-Atlas 93f2b; I25f2a-c; Det. S. p. 920;

Witt 1333p. 23-7f16;

WILLII, Pant. 2, p. 97; Det. Syll. p. 933; (T. Pantocodexii, p. 1.)

" v. hexagona, Pant. Ip. 54-4f37; 2, p. 97;

ZONATUM, Grev.-T. M. S. 1334p. 34-I0f3; Det. S. p. 951;

ZONULATUM, Grev.-T. M. S. 1335p. I02-9f17; Malaisie;

Atlas 77f34-37;

" forma trigona, A. S., Atlas pl. 94f9;

" " Triangularis, A. S. Atlas 77f33;

TRIGONIUM. - (Cleve, 1867;

ARCTICUM, (Brbw.)-Cleve 1337p. 363; 1373p. 3; (Triceratium arc.)-

TRINACRIA. - (Heiberg, 1862;

--, A. S., Atlas 152f23, 29;

ALIAR, Brun.-Led. Vol. 2 No. 17, p. 33-6f11; (Tricerat.)-

ANTIQUA, Pant. 3p. 32f456;

ARIES, A. S., Atlas 96f14-I3; I50f14, I5; Pant. 2p. 33; Det. Syll. p. 353;

CONIFERA, Grun. 1334p. 18; Det. S. p. 359; (Tric.)--

CORONATA, Witt 1335p. 35-I0f5, 3; Atlas 110f3-I0; Pant. 2p. 33;

Det. S. p. 355; (Capsula.)

EXCAVATA, Heiberg p. 51-4f9 (London Clay; R. E. D. p. 317; J. Q. C. 1370p.

101-3f3-9; M. T. P. 4-5-3; Atlas 96f3-3; 97f3-I0; Grun. 1334p. 15;

Pant. 2p. 33; Det. S. p. 353;

" v. Archangelskiana, Pantoc. 2p. 33;

" v. producta, Pant. 2p. 33; 3p. 13f203; Det. S. p. 353;

" v. Simoiskiana, Grun. 1334p. 13; Witt 1335p. 35-I0f11; Det. S. p. 355;

" v. tetragona, A. S., Atlas 152f26-23;

FRAGILIS, Grun.-Atlas 123f14; Det. Syll. p. 359;

GREVILLEI, Witt 1335p. 35-I2f11; Atlas 96f32; 110f3;

Pant. 2p. 33; Det. S. p. 359;

GRUNOWII, Witt 1335p. 35-I2f11; Atlas pl. 110f5;

Pantoc. 2, p. 34; Det. Syll. p. 359;

HEIBERGII, Kitton.-J. Q. C. 1371p. 169-13f3; Det. S. p. 355;

Atlas 96f2; 110f1, 2;

HYSTRIX, Pant. 3p. 34f437;

INSIPIENS, Witt 1335p. 36-I0f1; 11f5, 7, 11; I2f2; Pant. 2p. 34;

Atlas 97f16; 110f11-I3; Det. S. p. 355;

JEREMIAE, Witt 1333p. 24-3f12, 13;

(Solium; Triceratium.) ---



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- VITTONIANA, Grun.-Atlas 97f1; Del.Syll.p.353; (T. heibergii, var.)--
 LIGULATA, Grove & Start.-J.Q.C. 1337p.33; Del.S.p.359; -(Tricetatum.)--
 MUELLERI, Pantoc.3p. -39f54I; (Ditylim Grovei.)--
 PACITII, Pant.2p.34-19f293; Del.S.p.353;
 PALMIPES, Brin.-Atlas 173f12; (Tric.p. & Samsayi.)--
 PARADOXA, Grun. 1334p.15; Del.S.p.353;
 * v. valida, Grun. 1334p.15-2f53; Del.S.p.353;
 PILEOLUS, Grun. 1334p.68-2f59, 60; Atlas 97f11-15, 17-20; 11f15, 17;
 Witt 1335p.33-9f15; 10f4; 11f3, 9; Brin & L. 1.74; Pant.2p.34;
 Del.S.p.357; (Capsula; -hemiaulus; -Tric.)---
 * v. Josephina, Grun. 1334p.68-2f53; Del.Syll.p.357;
 * v. ontariensis, Grun. 1334p.68-2f53; Del.S.p.353; *see* 187p.64;
 * v. media, Grun. 1334p.68-2f57; Del.S.p.357;
 * v. setticulosa, Grun. 1334p.68;
 * v. tetragona, Grun. 1334p.68; Del.S.p.357;
 PRAECELLENS, Pant.3p. -31f447;
 PRAECENS, Grun. 1334p.68; Del.S.p.359; (Tric.)--
 * v. perminuta, Grun. 1334p.68; -(Tric. permy)
 * v. Simbirskiana, Grun. 1334p.68;
 PRINCEPS, Witt 1335p.33-10f9; Atlas 110f4; Pant.2p.34;
 Del.Syll.p.359; (Capsula.)--
 REGINA, Heiberg p.50-3f7 (London Clay; R.E.C. 1.317; J.Q.C. 1337p.101-
 2f1-7; J.M.I.D. p.273-27f14; M.T.P. 4-5-2; Sm. Sp. T. No. 604; B.S.B. 1330,
 p.12-1f10, 13; 1335p.152-1f10; 2f33, 37; Atlas 96f3-5; 97f3-5; Grun.
 1334p.67; Ann. Soc. Belg. 1333p.1.2f11, 12; 3f13, 14, 15-16; 4f2; Del.S.p.
 355; J.Q.C. 1336p.303; Witt 1335p.37;
 (Hemiaulus; -Tric. Wittonianum & Solenoceros.)
 * v. obtusa, Witt 1335p.37-11f1; (T. wittii.)
 * v. punctulata, Grun. 1334p.67; Del.S.p.355;
 * v. tetragona, Grun. 1334p.67-2f53; Atlas 152f22; Del.S.p.355;
 RUSSICA, Pantoc.3p. -23f419;
 SEMSEYI, Pant.2p.34; 3p. -7f108; Del.S.p.353; (T. palmipes.)
 SIMULACROIDES, Pant.3p. -23f417;
 SIMULACRUM, Grove & Start.-J.Q.C. 1337p.144-13f43; Atlas 127f14;
 Notar. 1333p.475; Del.S.p.359;
 SPARSA, Pant.3p. -25f33I;
 SUBCAPITATA, Grun.-Grun. 1334p.69; Del.Syll.p.350;
 Witt 1333p.24-6f14; 7f20, 24; (Tric.)---
 * v. Sicilica, Grun. 1334p.69;
 TSCHESTNOVII, Pant.2p.34; 3p. -9f156; Del.S.p.357;
 TUBULOSA, (Hemiaulus.)--
 VENTRICOSA, Grove & Start.-J.Q.C. 1337p.33-5f1-3; 13f47; Notar. 1337p.
 352; Atlas 127f15-17; 159f12, 13; Del.S.p.353; (Capsula.)
 VELUSTISSIMA, Pant.3p. -30f439;
 WEISSFLOGII, Witt 1335p.37-11f2; Atlas 110f4;
 Pant.2p.34; Del.Syll.p.353;
 WITII, A.S., Atlas 96f1; 97f2; Pant.2p.34; Del.Syll.p.357;
 (T. regina, var. obtusa.)--

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- , Meneg. A.N.O. p. 431; (Amphiprora.)
 ARGUS, E. K. B. p. 133-136; E. Kins. 1840 p. 79; (Elipodiscus.) ---
 GERMANICUS, E. - Kins. 1840 p. 79-315a, b; (Elipodiscus G. & argus.) -

TROCHISCIA. - (Montagne, 1837)

- MONILIFORMIS, Montagne Ann. Sci. Nat. 1837, Vol. 3 p. 349;
 (Podosira hormoides.)

TROCHOSIRA. - (Kittlen, 1871)

- MIRABILIS, Kittlen. - J. Q. C. 1871 p. 170-1413, 9; Det. S. J. 11. p. 1371;
 Atlas 173f55; 180f43;
 " var., H. V. H. S. pl. 33(2)f13;
 ORNATA, Grun. - V. H. S. pl. 33f15; T. No. 452; Det. S. p. 1371; -(T. spinosa, var.)
 SPINOSA, Kittlen. - J. Q. C. 1871 p. 170-1413, 7; Woll. 67f13, 14;
 Atlas 173f56; 180f49; Det. S. p. 1371;
 " var., H. V. H. S. pl. 33(2)f14-17;

TROPIDONEIS. - (Cleve, 1891)

- CONSERVA, Lewis. - Cleve Navic. p. 23 cum iconibus; -(Amphiprora.) ---
 ADRIATICA, Cl. Nav. p. 26-3f22, 23;
 ANTARCTICA, Grun. - Cl. Nav. p. 24; (Stauroneis glacialis
 Amphiprora a. & fragilis; - Navicula Challengeri.) -
 APPROXIMATA, Cl. Nav. p. 26-3f20, 21; CHIMENSIS, Cl. Nav. p. 27-3f5-7;
 ELEGANS, W. Sm. - Cl. Nav. p. 27 cum iconibus; (Amphiprora.) --
 " v. Adriatica, Grun. - Cl. Nav. p. 27; (A'prora. el., var.) -
 " v. Posewitzii, Pant. - Cl. Nav. p. 27;
 FUSIFORMIS, K. - Cl. Nav. Vol. 2, p. 53; (Navicula)
 GIBBERULA, Grun. - Cl. Nav. p. 26; (Plagiotropis.)
 JAPONICA, . - Cl. Nav. p. 27;
 KINKERIANA, Cl. Navic. 1. 26-3f1, 2;
 LONGA, Cl. Nav. p. 26-3f3, 4;
 LEPIDOPTERA, Greg. - Cl. Nav. p. 25 cum iconibus; (Amphiprora
 didyma, indica, l., mediterranea & quarnerensis.)
 " v. delicatula, Grun. - Cl. Nav. p. 25; (A'prora. del.) -
 " v. minor, Cl. Nav. p. 25; (T. Vanheurnkii.) ---
 " v. proboscidea, Cl. Nav. p. 25;
 " v. Samoensis, Grun. - Cl. Nav. p. 25; (A'prora. S.) ---
 LONGA, Cleve Navic. p. 25-3f3; Oestrup 1897 p. 310; (Amphiprora.) --
 " v. gracilis, Grun. - Cl. Nav. p. 25; (A'prora. elegans, var.) --
 MAXIMA, Greg. - Cl. Nav. p. 26; Oestrup 1897 p. 31 (A'prora.) -
 " v. decussata, Cl. Nav. p. 26-3f24, 25;
 " v. dubia, Cl. & Grun. - Cl. Nav. p. 26; (A'prora. max., var.) -
 " v. subalata, Cl. Nav. p. 26;
 MEMBRANACEA, Cl. Nav. p. 24; (A'prora.) ---
 PROBOSCIDEA, ? (Plagiotropis.)
 PUSILLA, Greg. - Cl. Nav. p. 26; (A'prora.) ---
 SAMOENSIS, Grun. - Cl. Navic. p. 23; (Plagiotropis.)
 SEMISTRATA, Grun. - Cl. Nav. p. 27-3f9-II; (A'prora.) -
 SERIATA, Cl. Nav. p. 23; LeD. Vol. 2 p. 75-1212-4; (Plagiotropis.)

acuminata, *Forbm. D.M. p. 20.*

Constricta, *Forbm. D.M. p. 20.*

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- RECTA, Greg.-Cl.Nav.p.28:-(Amphiprora; -Amphoropsis; -Plagiotropis.)---
 ' v.subplicata, Grun.-Cl.Nav.p.23: (A'prora.plic.,v.)
 SOLIDULA, Cl.Navic.p.25-2f19-21:
 SUMBAVENSIS, Cleve Navic.p.26:
 TUMIDA, W.Sm.-Cl., LeD.Vol.2p.53; (Scoliopterna.)
 VANHEURCKII, Grun.-Cl.Nav.p.27: Temp. & Par.Type No.292:-(Plagiotropis.)-
 VITREA, W.Sm.-Cl.Nav.p.27; (A'prora. & Plagiot.)
 ' v.Mediterranea, Grun.-Cl.Nav.p.27:
 ' v.scaligera, Grun.-Cl.Nav.p.23: (Plagiotropis.)-
 ZEBRA, Cleve.-LeD.Vol.2p.75-12f1: Cl.Nav.p.23: (Plag.)-

TRUJANIA.-(Pant., 1886:

- ARCHANGELSKIANA, Pant.Ip.45-20f173; 2p.III; Atlas I73f6;
 Notar.I333p.544: Del.Syll.p.I42I:

TRYBLIONELELLA.-(Pant., 1886:

- , Tanarek I379p.50; Br. Alp. 103
 ACUMINATA, Sm.B.D.Ip.36-10f77; Prit.p.792-4f37; Grun.I362p.555; Lewis,
 E. & R. p.71; Carr.p.36; Roper, Thames; Hall; Cl.I363p.239; R.E.D.p.
 I43; Dippel I370p.4; Eiben, I371; Sm.Sp.1.No.605; M.T.P.I-5-2; Lagr.
 I373p.30; Perag.p.67; Villef.p.56: (Nitzschia; -T.angustata.)-----
 ANGUSTATA, Sm.B.D.Ip.36-30f262; M.J.I354p.97-4f7; Breb.D.C.p.7; Rab.
 Alg.No.I54I; Prit.p.792; Heib.p.II6; Grun.I362p.554; Schum.I364p.I3;
 New Zealand; Hall; Cl.I363p.233; Carr.p.36; R.E.D.p.I43; Dippel I370
 p.4; Brn Alp.p.I03-4f23; Dannf.p.33; Gallz, Papan; Petit liste p.
 22; Shark River; Kinnora; Belloe, Lichon; Delogne; Perag.p.67;
 Villef.p.56: (Nitzschia; -Synedra. pleurota.)----
 ' v.acuminata, Brn Alp.p.I03-4f27: (T.ac.)-
 ANTIQUA, Schumann I362pl.3f22: (Nitz.angustata, var.)----
 APICULATA, Greg.-M.J.I357p.79-If43; Breb.D.C.p.22; Prit.p.793; R.E.D.
 p.I43; Grun.I362p.554-12f20; Hall; Schum.I369p.35-2f6; Dannf.p.33;
 Eiben, I371; Perag.p.67; Delogne; (Nitzschia; -T.constriata.)-
 CIRCUMSUTA, Bailey.-Ralfs, Prit.p.792; Carr.p.36; Cl. & M.No.43; Lagr.
 I373p.29; Sm.Sp.1.No.606; A.J.M.I377p.I5f; Dannf.p.37;
 Perag.p.66: (T.seitellum; -Sutirella; -Nitzschia.)-
 COARCTATA, Perag.Villef.p.56: (Nitzschia; -T.punctata, v.)--
 CONSPICUA, Kitton.-M.M.J.I373p.207-33f7; (Nitz.Nicobarica.)---
 CONSTRICTA, Greg.-M.J.I355p.39-4f13; Breb.D.C.p.22; S.B.D.2p.59; Prit.
 p.793; Grun.I362p.554; Carr.p.36; Hall; R.E.D.p.I43; Dery Pola.p.24;
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 36; Villef.p.56: (Nitzschia; -T.apiculata & soleniformis.)-
 CONTRACTA, Schumann I362p.I36-3f20;
 DEBILIS, Arnott.-M.J.I373p.310; I374p.I36; New Zealand;
 Cl.I380p.63: (Nitzschia.)
 GRACILIS, W.Sm.B.D.Ip.35-10f75; Front.; A.M.N.1.I357p.7-If3; Prit.p.
 793-4f36; Schum.I362p.I36-3f21; I367p.53; New Zealand; Carr.p.36;
 Roper, Thames; M.D.pl.I3f3I, 32; Hall; R.E.D.p.I43, f49; Sm.Sp.1.No.
 607; M.T.P.I-5-5: (Nitzschia; -Sutirella.)

marginata, fortm. D.M. p. 20:

recluzii

11 var. coarctata, Grün. Perag. 561.

11 punctata

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- GRANULATA, Clave 1373p.20; Villef. p.56: (Nitzschia.)--
 IANZSCHIANA, Grun. 1362p.552-12f29; R.E.D. p.147; Petit liste 1.22;
 M.T.P.I-5-3; Shark River; Delogne; Atlantic City; Gallia, Pagan;
 Bellec, Lichen: Perag. p.67: (Nitzschia tryblionella.)
 var., Cl. 1330p.69-5f71; M.T.P.I-5-7;
 HUNGARICA, Grun.-Perag. p.67: (Nitz.)---
 v. linearis, Perag. p.67: (Gr. Hungar.)
 LANCEOLA, Grun.-Cl. 1373p.14-4f25: (Nitz.)
 LATA, Witt, J.M.G. Vol.2, 1373p.66-3f6: (Nitzschia pandaniformis, v.)--
 LEVIDENSIS, Sm.B.D. p.39; Prit. p.793; New Zealand; Carr. p.86;
 R.E.D. p.143; Eiben, 1371: Dannf. p.35; Perag. p.67;
 (Nitz. tryblionella, var., & l.; -l. minor & Victoriae.)---
 MARGINATA, Sm.B.D. p.35-10f76; Mill; Grun. 1362p.552; Breb. D.C. 1: Mill;
 Roper, Thores; R.E.D. p.147; M.T.P.I-5-3; Fortm. D.M. p.41; Malaisie;
 Deby Pola. p.24; Cl. 1373p.26; Villef. p.56: (l. navicularis.)---
 MINOR, W. Sm.-Catalog British Museum p.14: (l. levidensis.)---
 NAVICULARIS, Breb.-Prit. p.792; Breb. Verm. p.9; Carr. p.86; R.E.D. p.
 147; Eiben, 1371: Perag. p.67: (Nitzschia; -Sirirella; -l. margin.)
 NEPTUNI, Schumann 1367p.53-1f11; Dannf. p.36:
 (Nitz. elongata & punctata.)--
 OVATA, Lagr. 1373p.43-2f23; Leaw. 1374p.21; Delogne:
 PERUANA, Cl. 1373p.14: (Nitz. elongata.)--
 PUNCTATA, Sm.B.D. p.36-10f76a; 50f201; Breb. D.C. 1: Prit. p.793; 1310.1.
 115; Grun. 1362p.553; Roper, Thores; Lewis, 1867p.71; Carr. p.86;
 Mill; R.E.D. p.143; Flogel, Baltic; Breb. Verm. p.9; Eiben, 1371: Dannf. p.
 35; M.T.P.I-5-1; Schum. 1362p.135-3f22; Cl. 1373p.14; Reinhard; Petit
 Simon; Lagr. 1374p.30; Shark River; Perag. p.67; Mobile; Malaisie;
 Villef. p.56; Fortm. D.M. p.20: (Nitzschia.)---
 v. constricta, Grun. 1362p.554; Lagr. 1373p.30; R.E.D. p.143;
 v. curta, (abbreviata) Grun. 1362p.554: Cl. 1363p.239;
 R.E.D. p.143; Lagr. 1373p.30:
 v. elongata, Grun. 1362p.554: Villef. p.56-3f27
 SCUTELLUM, Sm.B.D. p.35-10f74; M.D. pl. 13f30; R.D. ex. No. 12; Lewis,
 1867p.71; Mill; Deby Pola. p.24; Atlantic City; Shark River:
 (Sirirella; -l. (& Nitzschia) debilis & scutellum.) Fortm. D.M. p.20:
 SAUTERIANA, Wm. S.?
 SOLEIFORMIS, Wm. Sm. MSS.: - (l. constricta.)---
 SUBSALINA, O'M.-M.S. 1372p.310; a.b.
 VICTORIAE, Grun. 1362p.553-12f34; 1363p.97; R.E.D. p.147;
 R. Al. No. 1502; Eiben, 1371; M.T.P. 2-5-2; Carr. 1363:
 (Nitz. tryblionella, var.; -l. levidensis.)---
 TSCHESTNOVIA. - (Pant., 11.)
 MIRABILIS, Pant. 2p. 110-1f10; Del. Syll. p.1423;
 (Ailacodiscus crater & zonulatus.)-
 v. partita, Pantoc. 2p. 110:
 v. polygibba, Pant. 2p. 110:

TUBULARIA. ----- (Br. m., 1893.) ---

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PISTILLARIS, Br. m. - LeD. Vol. 2 No. 17, p. 183-3ff12; No. 21, p. 133:

ULNARIA. --- (Vaucl., 1844.) -

A Subgenus of Syneura; -

Vide W.B.p.65; V.S.A.p.43; Meneghini A.N.D.p.400: -

ULVA. - (Vaucher,

OLIVACEA, Agarum Flora Darm. taf. 1429: (Meridion verrale.) -

FOETIDA, Vaucher. - Histoire p. 244-17f3; English Bot. taf. 2101:

(Conferva; -Schizonema Dillwynii & Smithii.) -

VANHEURCKELLA. - (Pant., 1892) -

ADMIRABILIS, Pantoc. 3p2. - If4:

---, LeD. Vol. 2, p. 133:

VANHEURCHIA. - (Breb., 1868:

AMBIGUA, Breb. V.H.p. 206: V. i. S.p. 212; (Navicula.) ---

" var. craticula, Breb. V.H.p. 206:

CRASSINERVIS, Breb. V.H.p. 204; J.R.V.S. 1890, 103-217, 3: V. i. Type

No. 162: Trian 1835p. 46-2f2; Carp. 1891, pl. 11f9: (Frustulia

Saxonica, torfacea & rh.; -Navicula; -Nav. & Vaucl. rhomboides, v.) ---

CUSPIDATA, Breb. V.H.p. 205: (Navicula.)

" var. ^{crat.} Breb. V. i. p. 205: (Smirella craticula.) -

LEWISIANA, Breb. V.H.p. 202: (Frust.; -Navic.)

RHOMBOIDES, Breb. V.H.p. 204; Cl. 1831p. 5: V. i. S. pp. 15, 112-17f1, 2: 1.

No. 160; Trian 1835p. 46-2f1: (Frustulia: -Navic.; -Vaucl. crassinervis.) --

" v. crassinervis, Cl. 1831p. 5: V. i. S.p. 112-17f4, 5;

(Frust. rh., var. Saxonica; -Navicula & Vaucl. cras.) --

" v. gracilis, Gr. m. - V. i. Type No. 161:

STYRIACA, Gr. m. - V. i. S. pl. 17f7, 3: (Frust.; -Navic.) -

VIRIDULA, Breb. V.H.p. 202-1f1-4; Manoury 1870pl. 2f6;

V. i. S.p. 112: T. No. 163: Colletonema; -Frust.; -Schizonema.) --

VULGARIS, Thwaites. - V. i. S.p. 112: Type No. 164;

(Colletonema; -Frustulia; -Schizonema.) --

VESICULIFERA. - (Hassall, 1871:

COMPOSITA, Hassall-A.M.N. 4. Vol. 10, p. 394:

(Melosira varians.) 1-0

VIBRIO. - (Müller, 17

FALX, Bruguiere Tableau Methodique:

BIPUNCTATUM, Müller, Animal Infus. p. 52-7f1: (a

INTERMEDIA, Brug. Tableau Meth.;

PAXILLIFER, Müller, Encyclop. Method. pl. 3f15-20; Animal Infus. ^{Cont. to Dan. Fl. 1783}

p. 54-7f3-7: ^{Heib. p. 12: Contrib. to Dan. Fl. 1783 vol. 3 p. 29:} (Bacillaria & Nitzschia paradoxa; -Navicula.) -

TRIPUNCTATUM, Müller, Animal Infus. p. 52-7f2: (a navicula)

Heib. p. 12: Contrib. to Dan. Fl. 1783 vol. 3 p. 29:

5-0

✓ PYRARIA, Roessel.-Muller, Animal Infus. p. 324-46f I-4 (1786): --Muller,
Verm. Vol. I, p. 126 (1776): (Comphonema & Echinella generatim.) -----
Ag. Cons. p. 36:

WILLAMOESIA. - (Castr., 1846)

--, Castr. 1837 p. 165-3f 3, 3a, b: (Coscinodiscus humilis.) --- / - 0

WITTIA. -- (Pantocsek, 1889.) -

INSIGNIS, Pant. 21. 110-7f 123: Det. Syll. p. 1395: (Lepidodiscus.) --- / - 0

WRIGHTIA. -- (Cm., 1844)

Genus novam, of O'Meara: --- Vid. M. J. 1837 p. 295: ---

/ - 0

XANTHIOPYXIS. -- (Chr., 1844)

ACULEATA, E. - Mik. pl. 16f 124; Prit. p. 327; Det. Syll. p. 1156;

(Pyxidicula; -Stephanopyxis.) -

ALATA, E. - Abh. Ber. 1844 p. 273; Prit. p. 327; Det. S. p. 1155: - (Pyxidicula.) --

CINGULATA, E. - Mik. pl. 33-17f 16; Woll. 32f 27; Pant. 2p. 76:

Det. Syll. p. 1156;

CONSTRICTA, E. - Abh. Ber. 1844 p. 273; Prit. p. 327; J. Q. C. 1837 p. 71:

Det. S. p. 1155;

(Pyxid.) --

GLOBOSA, E. - Abh. B. 1843 p. 273; Prit. p. 327; Det. S. p. 1155: (Pyxid.) -

HIRSUTA, [E.] - Ralfs, Prit. p. 327; Det. S. p. 1155;

(Pyxid.) ---

OBLONGA, E. - Abh. B. 1844 p. 273; Mik. pl. 33-17f 17; A. J. S. 1845 p.

327-4f 14; Prit. p. 327; 5f 73; J. Q. C. 1835 p. 175-13f 13; 1837 p. 71:

Pant. 21. 76: Det. S. p. 1155:

(Pyxid.) -

PANDURIFORMIS, Pant. 1p. 45-29f 297; Notat. 1833 p. 544:

Pant. 2, p. 76: Det. S. p. 1155;

SPINO-RADIATA, Brn. - Det. Syll. p. 1156:

(Pantocsek.) -

UMBONATA, Grev. - T. M. S. 1863 p. 2-1f 5; Brn. & T. p. 74; Det. S. p. 1156;

Woll. pls. 74f 16; 34f 10:

URCEOLARIS, E. - Abh. Ber. 1845 p. 31; Mik. pl. 33-16f 14; Prit. p. 327;

Det. Syll. p. 1156;

(Pyxidicula.) 10 - 0

ZYGOCEROS. - (Chr., 1846)

--, Mf. 1858. A. N. D. p. 436:

ANTIQUUS, Pant. 3p. 125f 377; Det. Syll. p. 366: - (Skeletonema stylifera.) ---

✓ v. interrupta, Pant. 3p. - 26f 391:

AUSTRALIS, E. - Abh. Ber. 1844 p. 205; V. S. A. p. 139; Prit. p. 350:

Det. S. p. 333:

(Tetrasinae ?) -

BALAENA, E. - Abh. B. 1853 p. 529; Mik. pl. 35A-23f 17; M. J. 1859 p. 161-

9f 15; Cl. Nares; 1857 p. 332; 1863 p. 213; 1873 p. 9; Solm. 1857 p. 50:

Cl. & M. No. 5: Det. S. p. 337:

(Biddulphia; -Z. radiatus.) -

BIPONS, E. - Kreia. 1840 p. 273; A. J. S. 1845 p. 329-4f 24; V. S. A. p. 139;

Prit. p. 350; Det. S. p. 333:

(Hemianulus.) ---

CIRCINUS, Bailey N. S. p. 11, f 19, 20; Prit. p. 350; V. S. A. p. 105f 13;

Woll. 64f 11; Pant. 1p. - 26f 244; 2, p. 34; Det. S. p. 337:

✓ v. trapezoidalis, Brn. & Temp. p. 74:

- EMERSONI, Bailey.-A.J.S. 1343p. 139; Del. S. p. 333: -(Emersonia elegans.)--
 HEMIROPUS, Bailey.-B.C.N. 1. 1351p. 344-2f71-73; Del. S. p. 333: -(Biddul.)-
 MARGARITACEUS, Bailey & Harvey p. 179-9f31; Del. Syll. p. 333:
 HUNGARICUS, Pant. 3p. -13f207; Del. S. p. 333:
 MORILIENSIS, Bailey M.O. p. 40-2f34, 35; Prit. 1352p. 450; 1351p.
 350-36II; Del. S. p. 333: (Biddulphia Baileyi & M.)
 NAVICULA, E.-Abh. Ber. 1342p. 235; Mik. pl. 19f22; Prit. p. 350:
 (Hemiallus; -Rhabdonema.)
 OCCIDENTALIS, L.W.B.-B.C.N. 1. 1351p. 343-2f33-33;
 Wille pl. 34fII; Del. S. p. 333:
 PARADOXUS, E.-Mik. pl. 22f54; Prit. p. 350; Del. S. p. 333:
 (Hemiallus; -Surirella.)-
 PELAGICUS, Cl., Kattegat 1339p. 2 cum icones: Notar. 1339p. 197:
 Bot. Col. p. 1390p. 13; Del. S. p. 333: (Gemma)
 QUADRICORNIS, Cl. n.-V. 1. S. pl. 135f5-7; Part. II. -20f233; 2, p. 37:
 Wille, 34f3, 9; Del. S. p. 337:
 RADIATUS, Bailey N.S. 1. II, f29; Prit. p. 350:
 (Biddul. rhombus; -Hemiallus; -Z. Balaena.)
 RETICULATUS, E.-Mik. p. 206; Del. Syll. p. 333:
 RHOBOIDES, E.-Abh. Ber. 1372 p. 3-2f5:
 RHOMBUS, E.-Kleid. 1340p. 33-41II; K.B. 1. 133-131p; K.S.A. 1. 133; V.S.S.
 Vol. 43p. 133, f10, II; Prit. 1352p. 450; 1351p. 350; M.O. 1354p. 75-8f5;
 weisse 1354p. 247, f'1'; D. pl. 14f10; R.A.D. 1. 318, 190; Del. S. p. 333:
 (Biddulphia; -Denticella; -Emersonia antiqua; -Quontella.)----
 SICULUS, E.-Abh. Ber. 1344p. 273; Mik. pl. 22f53a, n;
 Prit. p. 350; Del. S. p. 339: (Gemma)
 SIGMOIDES, E.-Abh. Ber. 1372p. 214, pl. 3-2f3; Del. S. p. 333:
 STYLIGER, E.-Kleid. 1344p. 273; K.S.A. 1. 139; Prit. p. 350:
 Del. S. p. 333: (Hemiallus.)---
 SURIRELLA, E.-Kleid. 1340p. 80-41¹²~~10~~; K.B. 1. 133-131p; K.S.A. 1. 133;
 Rich. D.C. 1. ; M.O. 1354p. 73-8fII, 12; Prit. p. 350-11f30, CI;
 Del. Syll. p. 333: (Biddulphia; -Dimerograna.)--
 THOMESII, Bailey.-A.J.S. ~~1343~~ 1343: Vol. 43p. 133-313-9; Dimerograna
 Phys. Jour. 1343p. 1. 9f3, 5, 8; Memoirs Manchester Phil. Soc. 1343p. 1. If I;
 Prit. p. 350-6fII; Del. Syll. p. 333: -(Biddul. regina, rhombus & T.)
 WEISSLOGII, Pantoc. Ip. 49-29f290; Notar. 1333p. 544; Del. Syll. p. 337.-----

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FINIS.-

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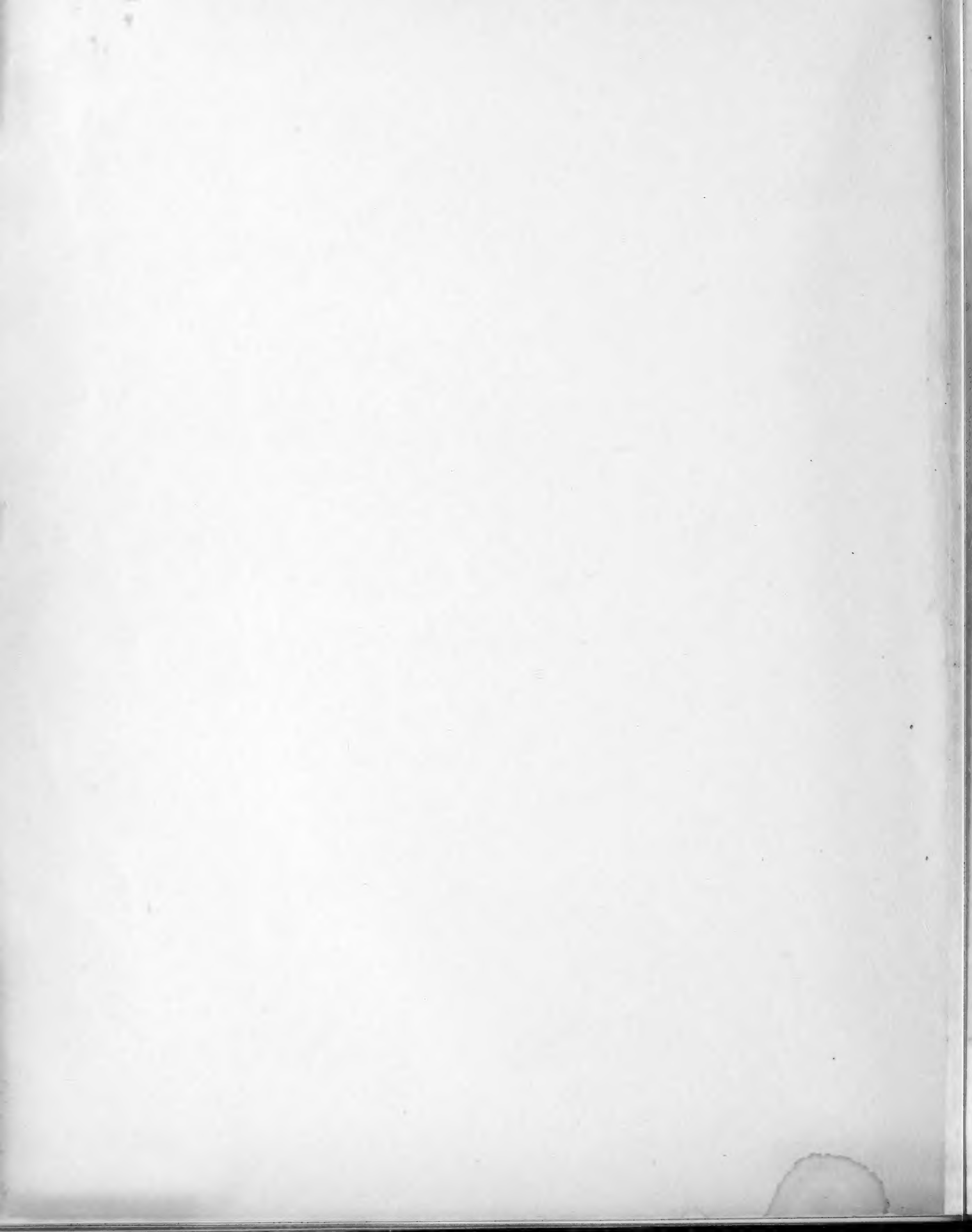
Species. ---

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Trachyspheniaceae - Det. Sp. 644: Petit,
Xanthopodaceae " p. 1136: Petit,
Thraupidae " p. 1010: Clay,







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